

## Code Switching on Social Media: Patterns, Motivations, and Identity Construction Among Bilingual Users

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Submitted: April 2026

Accepted: May 2026

Published: July 2026

### Abstract

In the digital era, code-switching has become a common practice among bilingual users on social media. This study examines the patterns, motivations, and role of code-switching in identity construction. It draws on key theories such as John J. Gumperz (1982), Shana Poplack (1980), and Carol Myers-Scotton (1993). A qualitative descriptive method was used, with data collected from Instagram, Twitter (X), and TikTok through observation and documentation. The findings show that intra-sentential code-switching is the most dominant pattern, reflecting bilingual competence. The main motivations include expressing emotions, adapting to audiences, and enhancing communication style. Code-switching also plays a key role in constructing hybrid identities, combining global and local elements. The study concludes that code-switching is a meaningful and strategic practice, contributing to sociolinguistics and English Language Teaching in digital contexts.

Keywords: *code-switching; social media; bilingual users; identity construction; digital communication*

### INTRODUCTION

In the era of digital communication, social media platforms have become central spaces where language practices evolve rapidly, especially among bilingual and multilingual users. One of the most noticeable linguistic phenomena in these spaces is code-switching, the practice of alternating between two or more languages within a conversation, sentence, or discourse (Davies et al., 2002; Talbani, 1996; Ulum & Ordem, 2022). While code-switching has long been studied in face-to-face interactions, its manifestation in online environments introduces new patterns, functions, and meanings shaped by the affordances of digital media. The increasing use of platforms such as Instagram, Twitter (X), and TikTok has intensified the visibility of bilingual communication, particularly among young users who navigate multiple linguistic and cultural identities. In this context, code-switching is no longer merely a communicative strategy for filling lexical gaps or facilitating understanding; it also serves as a resource for expressing identity, signaling group membership, and constructing social personas. Scholars in sociolinguistics and digital discourse studies argue that online spaces blur traditional language boundaries, allowing users to perform hybrid identities more freely and creatively.

Furthermore, the interactive and multimodal nature of social media significantly influences how code-switching is produced and interpreted. Unlike traditional spoken communication, digital discourse combines written text with emojis, hashtags, memes, audio, and visual content, creating a complex environment where language choices carry layered meanings. Bilingual users often employ code-switching strategically to achieve specific communicative purposes, such as emphasizing humor, conveying emotions, attracting wider audiences, or increasing engagement with followers (Pamungkas, 2019). For example, English expressions are frequently inserted into local languages to project modernity, prestige, or global connectedness, while the use of native languages may emphasize intimacy, solidarity, and cultural authenticity. In many cases, the alternation

between languages reflects not only linguistic competence but also social positioning within online communities. The flexibility of digital communication enables users to move fluidly between linguistic codes depending on audience, topic, and context, making code-switching an essential feature of contemporary online interaction. As a result, social media has become an important site for observing how language practices adapt to globalization and technological change.

In addition, the phenomenon of code-switching on social media has attracted growing academic attention because it reveals the dynamic relationship between language, culture, and identity in digital society. Researchers have found that online code-switching is shaped by various sociolinguistic factors, including age, educational background, cultural exposure, peer influence, and language attitudes. Young people, in particular, tend to use code-switching as a stylistic and symbolic practice that reflects cosmopolitan lifestyles and transnational cultural influences (Ehrlich, 2016; McKay, 2010). The widespread exposure to English-language content through entertainment, education, and global media further encourages the integration of English vocabulary and expressions into everyday online communication. However, some scholars also raise concerns that excessive dependence on foreign language elements may influence the maintenance of local languages and linguistic identities. Despite these debates, many studies emphasize that code-switching should not be viewed as a sign of linguistic deficiency, but rather as evidence of linguistic creativity and communicative competence. Therefore, examining code-switching in social media discourse provides valuable insights into how bilingual speakers negotiate meaning, identity, and social relationships in increasingly interconnected digital environments.

Previous studies have explored the motivations behind code-switching, including pragmatic functions (e.g., emphasis, clarification), social factors (e.g., audience design), and psychological aspects (e.g., identity negotiation). However, much of the existing research focuses on spoken interaction or formal written contexts, with limited attention to the dynamic, multimodal nature of social media communication (Jia et al., 2023; Kubsch et al., 2023; Muslimin & Harintama, 2020). Additionally, while some studies acknowledge identity construction, they often treat it as a secondary outcome rather than a central analytical focus (Asrifan et al., 2021). There is still a lack of comprehensive analysis that simultaneously examines patterns, motivations, and identity construction within the same framework, particularly in the context of everyday digital interactions among bilingual users.

This gap is significant because social media is not only a site of communication but also a space where identities are continuously shaped and displayed. Understanding how and why bilingual users switch codes online can provide deeper insights into contemporary language use, digital culture, and the negotiation of identity in a globalized world. Therefore, this study aims to investigate the patterns of code-switching on social media, explore the underlying motivations driving these practices, and analyze how such linguistic choices contribute to identity construction among bilingual users. By addressing these aspects, the research seeks to contribute to the broader field of sociolinguistics and digital communication studies, offering a more integrated perspective on language use in the digital age

## **REVIEW OF RELATED LITERATURE**

Code-switching has become one of the most significant topics in sociolinguistics, commonly understood as the alternation between two or more languages within a single

interaction, sentence, or discourse. Linguists have long argued that code-switching is not a random mixture of languages, but rather a systematic linguistic practice governed by social and grammatical rules. The phenomenon can occur in several forms, such as switching between sentences, within a sentence, or through the insertion of brief expressions or tags from another language (Mandasari & Aminatun, 2020; Rana & Shaikh, 2024). These structural patterns demonstrate that bilingual and multilingual speakers possess complex linguistic competence that enables them to move fluidly between languages. In multilingual societies, code-switching often emerges naturally in daily communication because speakers constantly negotiate meaning, social relationships, and cultural identities through language choices. As a result, code-switching has been widely recognized as an essential feature of bilingual communication rather than a sign of language deficiency or confusion.

From a functional perspective, code-switching also reflects speakers' social intentions and communicative strategies. Bilingual speakers frequently alternate languages to express solidarity, emphasize particular meanings, create intimacy, or establish social distance depending on the interactional context. Language choice may signal power relations, cultural affiliation, or membership within a specific social group. In many situations, speakers adjust their language according to participants, topics, settings, and communicative goals (Avsheniuk et al., 2023; Omar, 2024; Takal et al., 2021). For example, individuals may use one language in formal contexts while switching to another language in casual conversations with friends or family members. This demonstrates that code-switching is closely connected to social environment and identity negotiation. The practice allows speakers to navigate multiple cultural worlds simultaneously, making it an important sociolinguistic resource in multilingual communities. Consequently, code-switching is often viewed not only as a linguistic phenomenon but also as a social and cultural practice shaped by interactional dynamics.

The rapid development of digital communication has further transformed the practice of code-switching, especially on social media platforms such as Instagram, Twitter (X), and TikTok. Online communication creates unique environments where written language often resembles spoken interaction through the use of informal expressions, emojis, hashtags, abbreviations, and multimedia elements (Bsharat & Hamarsha, 2023; Guo, 2022; Sasmita & Achmadi, 2022). In these digital spaces, bilingual users frequently employ code-switching to attract attention, express emotions, engage wider audiences, and construct online personas. The flexibility of social media enables users to combine languages creatively and strategically according to audience expectations and platform culture. Young bilingual users, in particular, often switch to English to project modernity, global identity, or prestige, while local languages are used to express intimacy, humor, or cultural belonging. Therefore, code-switching on social media is not limited to linguistic necessity but has become an important symbolic practice through which users negotiate identity and social relationships in increasingly globalized digital environments.

Despite the growing body of research on code-switching in online communication, several gaps remain in the existing literature. Many previous studies tend to focus primarily on either the structural forms of code-switching or its social motivations without integrating both perspectives comprehensively. In addition, identity construction is often mentioned only as a secondary aspect rather than being analyzed as a central element of bilingual communication. Existing studies also frequently concentrate on specific social media platforms or limited datasets, making it difficult to capture the diversity and fluidity of code-switching practices across different digital environments (Bolton et al., 2013; Illiyyun, 2018; Luthar & Pušnik, 2021; Malik et al., 2020). Furthermore, limited attention

has been given to how patterns, motivations, and identity construction interact dynamically in real-life online discourse. Therefore, this study seeks to provide a more comprehensive understanding of code-switching on social media by integrating structural and functional approaches while placing identity construction at the center of analysis. Through this approach, the research aims to contribute to a deeper understanding of bilingual language practices in contemporary digital communication.

## **RESEARCH METHOD**

This study employs a qualitative descriptive research design to explore code-switching practices on social media, focusing on patterns, motivations, and identity construction among bilingual users. A qualitative approach is considered appropriate because the study aims to understand linguistic behaviour in context and interpret the meanings behind language use rather than measure it quantitatively (Lambert & Lambert, 2013). The participants of this study consist of bilingual social media users who actively engage in online communication using at least two languages. The selection of participants is conducted through purposive sampling, targeting users who frequently produce posts or captions containing code-switching. The participants are primarily young adults, as this group represents the most active users of social media platforms and is more likely to engage in dynamic bilingual practices. The main instrument of this research is documentation, specifically in the form of social media content such as posts, captions, and comments collected from platforms like Instagram, Twitter (X), and TikTok. In addition, a coding sheet is used as an analytical tool to classify types of code-switching (e.g., inter-sentential, intra-sentential, and tag-switching) and to identify their communicative functions (Erdal Marta Bivand et al., 2022; Shabazian, 2016). To support deeper interpretation, the researcher also applies note-taking as a supplementary instrument to record contextual information related to each data sample.

Data collection is conducted through systematic observation of selected social media accounts over a defined period. The researcher identifies and captures instances of code-switching from publicly accessible content, ensuring that the data reflects natural and authentic language use (Erdal Marta Bivand et al., 2022). The collected data is then organized and documented for further analysis. Ethical considerations are maintained by anonymizing user identities and using only publicly available data. For data analysis, this study uses a qualitative content analysis approach (Sutton & Austin, 2015). The analysis involves several steps: first, identifying and categorizing instances of code-switching based on established linguistic frameworks; second, analyzing the motivations behind code-switching using functional theories; and third, interpreting how these language choices contribute to identity construction in online contexts. The analysis is conducted iteratively to ensure consistency and depth of interpretation. By combining structural and functional analysis, this study aims to provide a comprehensive understanding of code-switching practices in social media communication.

## **FINDINGS**

In the era of digital communication, social media platforms have become central spaces where language practices evolve rapidly, especially among bilingual and multilingual users. One of the most noticeable linguistic phenomena in these spaces is code-switching, the practice of alternating between two or more languages within a conversation, sentence, or discourse. While code-switching has long been studied in face-to-face interactions, its manifestation in online environments introduces new patterns, functions,

and meanings shaped by the affordances of digital media. The increasing use of platforms such as Instagram, X, and TikTok has intensified the visibility of bilingual communication, particularly among young users who navigate multiple linguistic and cultural identities. In this context, code-switching is no longer merely a communicative strategy for filling lexical gaps or facilitating understanding; it also serves as a resource for expressing identity, signaling group membership, and constructing social personas. Online spaces blur traditional language boundaries, allowing users to perform hybrid identities more freely and creatively. As digital communication continues to expand globally, bilingual users increasingly integrate multiple linguistic resources into their everyday interactions, making code-switching a natural and frequent feature of online discourse.

The interactive and multimodal nature of social media further influences how code-switching is produced and interpreted by users. Unlike traditional spoken communication, digital discourse combines written text with visual images, emojis, hashtags, audio, and video content, creating a dynamic environment where language choices carry multiple layers of meaning. Bilingual users often employ code-switching strategically to emphasize humor, strengthen emotional expression, attract wider audiences, or increase engagement with followers. English expressions are frequently inserted into local languages to project modernity, sophistication, and global connectedness, while native languages are often used to create intimacy, solidarity, and cultural authenticity. In many cases, the alternation between languages reflects not only linguistic competence but also social positioning within online communities. Users may switch languages depending on the topic of discussion, intended audience, or desired impression they wish to create. This flexibility demonstrates that code-switching in digital communication is closely connected to identity negotiation and audience awareness, making it an important aspect of contemporary sociolinguistic practices.

Another important aspect of online code-switching is its relationship with globalization and transnational culture. The widespread exposure to international media, entertainment, education, and digital trends has increased the influence of English and other global languages in everyday communication. Young bilingual users, in particular, are highly exposed to multilingual content through films, music, online games, and social networking platforms, which encourages the incorporation of foreign language expressions into daily conversations. As a result, code-switching has become not only a communicative strategy but also a stylistic practice associated with modern lifestyles and digital culture. Many users intentionally mix languages to appear more expressive, educated, trendy, or globally connected. At the same time, local languages remain important symbols of cultural identity and belonging. The coexistence of global and local linguistic elements in social media communication reflects the hybrid nature of identity in the digital age, where individuals continuously negotiate between global influences and local cultural values.

The growing presence of code-switching on social media has also attracted considerable attention in sociolinguistic and digital discourse studies because it reveals the complex relationship between language, identity, and communication in online environments. Researchers increasingly recognize that code-switching should not be viewed as a sign of linguistic deficiency or incomplete language mastery. Instead, it represents linguistic creativity, communicative competence, and the ability to navigate multiple cultural contexts simultaneously. The phenomenon demonstrates how bilingual individuals actively select linguistic resources to achieve social and interpersonal goals. In digital communication, language choice is often shaped by factors such as peer influence, educational background, cultural exposure, and audience expectations. Social media

platforms provide users with opportunities to experiment with language in innovative ways, enabling them to construct identities that are fluid, flexible, and context-dependent. Therefore, the study of code-switching in online discourse offers valuable insights into how bilingual speakers adapt language practices to the realities of globalization, technological advancement, and digitally mediated social interaction.

The analysis reveals that code-switching among bilingual users on social media is systematic, functional, and closely tied to identity performance. Three major dimensions emerged from the findings: structural patterns, communicative motivations, and identity construction. In terms of structural patterns, intra-sentential code-switching appears as the most dominant form, followed by inter-sentential switching and tag-switching. The frequent use of intra-sentential switching demonstrates a high level of bilingual competence and linguistic flexibility, as users are able to combine elements from different languages within a single sentence while maintaining grammatical coherence. Inter-sentential switching is commonly used to separate ideas, shift tone, or create emphasis, whereas tag-switching functions as a discourse marker to strengthen interactional engagement. In addition to structural aspects, the motivations behind code-switching are strongly influenced by expressive, social, and stylistic purposes. Users frequently switch languages to express emotions more effectively, create humor, emphasize important ideas, or adapt to the preferences of their audience. Code-switching is also used strategically to align with digital trends and enhance online engagement. Furthermore, the findings indicate that code-switching plays a significant role in identity construction, as bilingual users employ language alternation to project hybrid identities that combine global and local cultural elements. English is often associated with prestige, modernity, and international affiliation, while local languages symbolize authenticity, solidarity, and cultural belonging. Overall, these findings demonstrate that code-switching on social media is not random but follows identifiable linguistic patterns, serves clear communicative purposes, and functions as an important resource for negotiating identity in digitally mediated multilingual environments.

## **DISCUSSION**

The findings of this study confirm that code-switching on social media is a systematic and meaningful linguistic practice rather than a random phenomenon. The dominance of intra-sentential code-switching demonstrates that bilingual users possess a high level of grammatical competence and linguistic flexibility, enabling them to combine multiple languages smoothly within a single sentence. This pattern reflects the ability of bilingual speakers to manipulate linguistic resources creatively while maintaining coherence and communicative effectiveness. In digital communication contexts, users frequently blend languages to create more expressive, efficient, and engaging interactions. Social media platforms encourage informal and dynamic communication styles, making code-switching a natural strategy for bilingual users who interact across different linguistic and cultural communities (Bolton et al., 2013; Illiyyun, 2018; Luthar & Pušnik, 2021; Malik et al., 2020; Of & Media, 2012; Yohanna, 2020). The findings also indicate that online communication environments provide greater freedom for users to experiment with language practices compared to formal offline settings, allowing multilingual expression to become more visible and socially accepted.

From a functional perspective, the motivations behind code-switching are strongly connected to expressive, social, and stylistic purposes. Many bilingual users intentionally switch languages to emphasize emotions, create humor, strengthen particular messages, or adapt to audience expectations. The use of English often symbolizes modernity, prestige,

and global cultural affiliation, while local languages are commonly associated with intimacy, solidarity, and authenticity. These language choices demonstrate that bilingual speakers are highly aware of the social meanings attached to different languages and strategically select linguistic forms depending on the context and intended impression (Dastgoshadeh & Jalilzadeh, 2011; Oktavia & Lestari, 2022; Saleem & Masadeh, 2022). In online interactions, audience awareness plays a significant role because users communicate not only with close friends but also with broader digital communities. As a result, code-switching becomes an important communicative strategy that helps users negotiate relationships, manage social identities, and increase engagement in social media interactions.

Furthermore, the findings reveal that code-switching plays a central role in identity construction among bilingual social media users. Language alternation allows individuals to present hybrid identities that combine global and local cultural influences simultaneously. Through the integration of English and local languages within a single post, users project themselves as globally connected while still maintaining cultural roots and local belonging. Social media environments intensify this process because users continuously curate and perform identities for diverse audiences through texts, images, videos, and other multimodal elements. Identity in digital communication is therefore fluid, dynamic, and context-dependent rather than fixed or stable (Baig et al., 2019; Polovynchak & Bondarenko, 2021; Zhang et al., 2024). The flexibility of online spaces enables bilingual individuals to shift between linguistic styles according to social goals, personal preferences, and cultural affiliations. In this sense, code-switching functions not only as a linguistic practice but also as a symbolic resource for self-expression and identity negotiation in digitally mediated communication.

The relevance of these findings lies in their contribution to sociolinguistics and digital communication studies by integrating structural patterns, communicative functions, and identity construction into a unified analytical perspective. Many previous studies have examined these aspects separately, whereas this study demonstrates that they are deeply interconnected in actual online interactions (Markee, 2015; Suchyadi et al., 2018; Uz & Cagiltay, 2015). The findings also highlight the importance of considering the unique characteristics of social media platforms, which encourage creativity, informality, speed, and multimodal communication. Features such as hashtags, emojis, short-form videos, and interactive comments shape how bilingual users employ language in digital contexts. Consequently, social media has transformed code-switching into a highly visible and socially meaningful phenomenon that reflects broader processes of globalization, technological development, and cultural hybridity in contemporary society.

In terms of implications for English Language Teaching (ELT), the findings suggest that code-switching should not be viewed solely as linguistic interference or evidence of language deficiency. Instead, it should be recognized as a valuable communicative resource that reflects bilingual competence and sociolinguistic awareness. Allowing students to use multiple languages strategically in learning environments can help them express ideas more effectively, negotiate identity, and participate in authentic communication practices. Integrating social media-based activities into language classrooms may also support the development of digital literacy, intercultural understanding, and communicative competence. Since modern communication increasingly occurs in multilingual and digital spaces, language education should prepare learners to navigate these realities flexibly and confidently. Overall, this study contributes to academic knowledge by demonstrating that code-switching on social media is a complex phenomenon shaped by linguistic ability,

social intention, and identity performance, while also offering practical insights for language learning and teaching in a multilingual world.

## **CONCLUSION**

This study set out to examine code-switching on social media by focusing on its patterns, motivations, and role in identity construction among bilingual users. The findings demonstrate that code-switching is a systematic and purposeful practice, with intra-sentential switching emerging as the most dominant pattern. This reflects a high level of bilingual competence and flexibility in language use within digital communication. In terms of motivation, the study reveals that code-switching is primarily driven by expressive needs, audience awareness, and stylistic preferences. Bilingual users strategically alternate between languages to convey emotions, emphasize meaning, and make their content more engaging and relatable. These findings confirm that language choice in social media is not random but shaped by both communicative goals and social considerations.

Most importantly, this research highlights the significant role of code-switching in identity construction. Social media users actively employ multiple languages to project hybrid identities that combine global and local elements. English is often associated with modernity and global belonging, while the native language signals cultural connection and authenticity. This demonstrates that identity in digital spaces is fluid, dynamic, and continuously negotiated through linguistic choices. The significance of this study lies in its integrated approach, combining structural, functional, and identity-based perspectives to provide a more comprehensive understanding of code-switching in online contexts. For English Language Teaching (ELT), the findings suggest that code-switching should be recognized as a valuable communicative resource rather than a limitation. Incorporating flexible language practices, such as translanguaging and social media-based activities, can enhance learners' communicative competence and better prepare them for real-world interactions.

For future research, it is recommended to explore code-switching across different social media platforms with larger and more diverse datasets, as well as to incorporate quantitative methods to complement qualitative insights. Further studies may also examine the role of multimodal elements, such as images, emojis, and videos, in shaping bilingual communication and identity construction. By expanding the scope of analysis, future research can continue to deepen our understanding of language use in an increasingly digital and multilingual world

## **ACKNOWLEDGEMENT**

The author would like to express sincere gratitude to all individuals who contributed to the completion of this research. Special thanks are extended to the research participants for their willingness to share their social media data and provide valuable insights. The author is also deeply grateful to the academic advisor for continuous guidance, constructive feedback, and support throughout the research process. Appreciation is further extended to the affiliated institution for providing academic resources and a supportive learning environment. Finally, the author would like to thank friends and family for their encouragement and moral support during the completion of this study.

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