

Feature	Facebook	Instagram	Snapchat	TikTok
Mobile Development	Java/Kotlin (Android), Objective-C/Swift (iOS)	Java/Kotlin (Android), Objective-C/Swift (iOS)	Varied (JavaScript, Python, Objective-C,	Objective-C (transitioning to Swift) (iOS), Java/Kotlin (Android)
Back-End Languages	Python, Java, C++, Hack (custom)	Python, Java, C++	Python, Java, C++ (potentially others)	Python, Java, C++ (potentially others)
Databases	MySQL (likely), NoSQL (HBase/Cassandra)	MySQL (likely), NoSQL (HBase/Cassandra)	NoSQL (potentially with some relational)	NoSQL (potentially with some relational)
Cloud Platforms	AWS, GCP (likely)	AWS, GCP (likely)	AWS, GCP (likely)	AWS, GCP (likely)
Content Delivery	CDN (likely)	CDN (likely)	CDN (likely)	CDN (likely)
Machine Learning	Personalized recommendations, content filtering	Personalized recommendations, content filtering	Personalized recommendations, content filtering	Personalized recommendations, content filtering