**FIREBASE**

Firebase has become a viral backend-as-a-service app development platform which provides tools for a developer to grow their apps and businesses. Firebase gives the best-in-class infrastructure for web apps by handling everything from user authentication and server scaling right through to crash analytics and a reliable testing environment. It does so by providing hosted backend services such as realtime database, cloud storage, authentication, crash reporting, machine learning, remote configuration and hosting for your static files. In simpler terms, firebase gets your app deployed quickly and securely.

Firebase can also be used as a realtime database in the form of a cloud-hosted NoSQL database that lets you store and sync data between users in realtime. The cloud firestore enables the developer to store, sync and query app data at a global scale. Firebase SDKs can be used for cloud functions which allows the developer to write and deploy a code. FireSQL on the other hand is a library built on top of the official Firebase SDK that allows the developer to query Cloud Firestore using SQL syntax. Firebase is also recommended for front end developers because the firebase storage can be used to upload images as well as deploy the developer’s applications to firebase hosting. Popular apps such as Duolingo depend on firebase infrastructure.