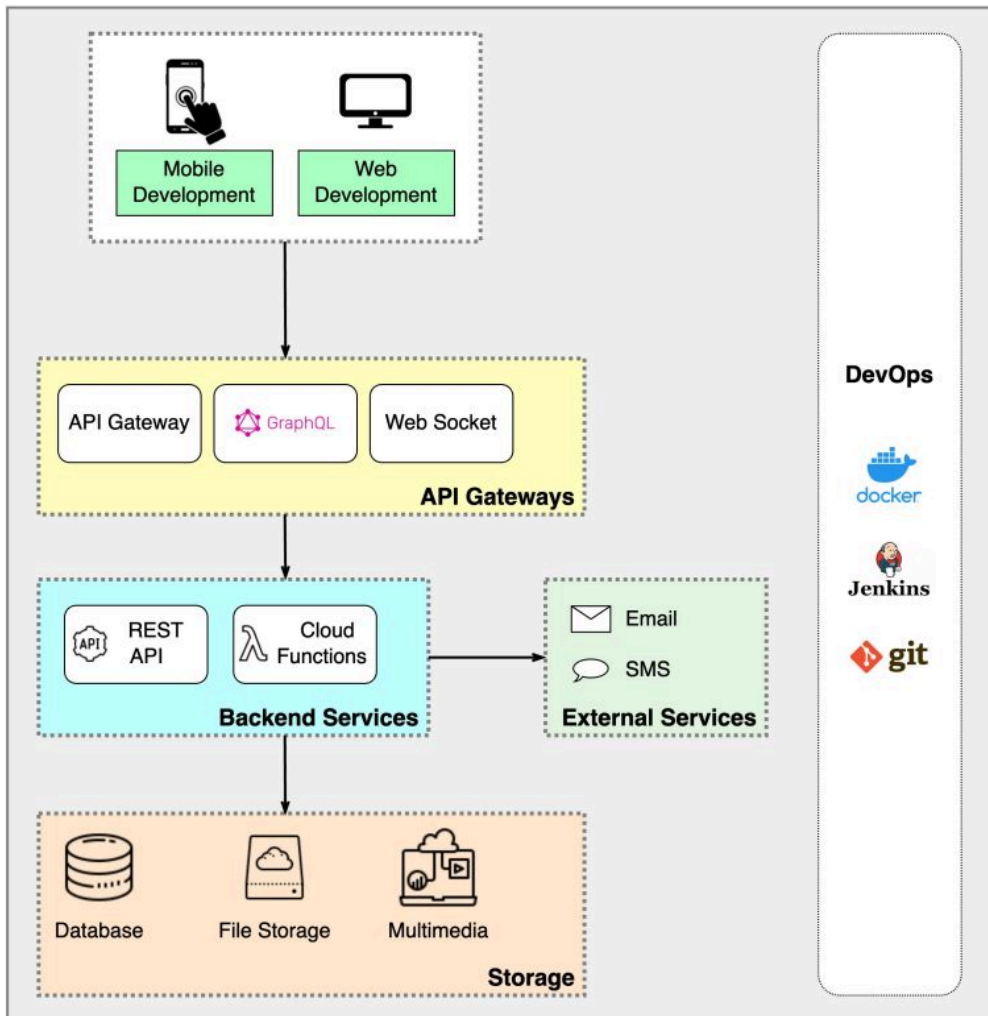


## How do you become a full-stack developer?

The diagram shows a simplified possible full-stack tech stack.

### What Full Stack Development Requires?

 [blog.bytebytego.com](https://blog.bytebytego.com)



Full stack development involves developing and managing all layers of a software application, from user interfaces to storage.

Full-stack developers need to have a broad range of technical skills including:

- Front-end development - HTML, Javascript, CSS, popular frameworks (React, Vue).

- API gateways - REST API gateway, GraphQL, web socket, webhook. Basic knowledge of firewall, reverse proxy, and load balancer.
- Backend development - Server-side languages (Java, Python, Ruby), API designs, serverless cloud interactions.
- Storage - Relational databases, NoSQL databases, file storage, multimedia storage.
- External Services - Email and SMS interactions.
- DevOps skills - Full stack developers need to take care of the full lifecycle of development, including testing, deployment, and troubleshooting.

Over to you: What's your favorite full-stack setup?