

Rafik Belkadi

SOFTWARE ENGINEER

USEFUL LINKS

Website/Portfolio :

<http://rafik-belkadi.tk/>

Github :

<https://github.com/Rafik-Belkadi/>

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Dely Ibrahim, Alger, Algérie

ABOUT ME

Skilled Software Engineer & expert crossplatform mobile developer. Currently focusing on web app development using the MERN Stack, and mobile app development with google's crossplatform framework, Flutter.

EXPERIENCE & EDUCATION

- More than a dozen successful projects in different areas (Software Architecture/ Software Development / Web & Mobile Development / Robotics / Database Administration / Network Architecture / Server Maintenance) where i had to use different technologies (For network, Servers, Packet Tracer for architecture..) and programming languages such as (Java,C,C#Python, SQL)
- Built Multiple Full-Stack Web Applications where i had to implement features like Basic CRUD, Custom Realtime database & Realtime chat with Sockets, Notifications, purchase, custom login codes, verification, Machine learning, uploading images/videos to the cloud AWS/Cloudinary, all of this through a microservices architecture. Used multiple and different technologies depending on the project (Node JS/ Express Js / SocketIO / Java / Python flask / Rest APIs & GraphQL / C# and .NET) (ReactJS / Vanilla JS/ Vue JS/ CSS /SCSS..)
- Worked as a Back-end web Developer, where i had to migrate the company's APIs from REST to GraphQL with Python and Flask. Was rude but after some pull requests on the flask-graphql library (Graphene-sql-alchemy) i was able to fully migrate the apis to GraphQL and had a performance gain for the overall APP.
- Experience as Software Engineer (FullStack Web & CrossPlatform Mobile) where i had to build an app for a Mobile & Online Bank and deploy it, used Flutter framework and NodeJS/express for the back. The difficulties were first on building the app itself, and then with Data Analysis as i had to build a platform where i could provide Data visualisation, graphs, statistics depending on the users data.
- Experience Building multiple crossplatform apps with google crossplatform framework Flutter.
- CISCO Certifications Level 1 & 2
- Dropped out College after 4 Years, because i wanted to follow my passion and explore the world of Tech myself.

TECHNICAL SKILLS

- Back-End web developpement (Python/ Node Js/ PHP / Laravel)
- Front-End web developement (HTML5 /CSS3/Javascript/VueJs/ReactJs/Material Design/ GSAP / Three.js)
- Software Developement (Java/Python/C/C#)
- Databases (SQL/NoSQL)
- Mobile app developement (Dart & Flutter Framework)
- Very good understanding of API technologies & architecture (REST/GraphQL)
- Network Services and Protocols Maintenance (Linux / Apache / Bind9)
- Cloud Services AWS/Cloudinary/Google
- Good English & very good French & Arabic

PERSONAL PROJECTS

- Quizz Game web App, made it with NodeJS,ExpressJs, and MySQL for the database. Also had to implement web Sockets, and basic Front-end technologies.
- E-Commerce website for a Book Store, made with Laravel (php) was really a good experience because of the amount of libraries i had to use and all the mistakes i've been passing through
- Mini fridge App, Made with flutter, it is a mobile app to control a Fridge made with arduino, so i had to connect it with a bluetooth module and create a cool UI to control the temperature, humidity and give alerts.
- Line Follower Robot + Mapping the path with arduino, also implemented communication with other robots on the same map. and available parking spots (was fun ngl).