

Mokhtar Mial

FULLSTACK WEB APP DEVELOPER

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Experience

Software Developer

MEDIC

Remote, Worldwide

Full time | May 2021 — Present

Fullstack Developer

BEEBUZZINESS

Grenoble, France

Contract | Mar. 2020 — Nov. 2020

- Established an end-to-end testing pipeline with Puppeteer that allows validating web app usage report generation in a lambda architecture within a microservices context. Time spent testing and validating this feature has been divided by 15.
- Migrated a system for sending statistics events tied to user actions in a React web app from the frontend to the Node.js microservices handling said actions. It helped reduce UI components complexity and standardize report generation from these events.

Fullstack Developer

BEEBUZZINESS

Grenoble, France

Contract | Sep. 2019 — Oct. 2019

- Traced CPU bottlenecks and memory usage of a medias broadcasting web application's frontend built in TypeScript with React.
- Reduced memory usage of the medias broadcasting web application to comply with the smart TV's browser requirements that the app would be deployed on by optimizing the code path.

Fullstack Developer

BEEBUZZINESS

Grenoble, France

Co-op | Sep. 2017 — Aug. 2019

- Migrated a reporting web application to a paginated API developed within a microservices context developed in TypeScript with React, Express, and Mongo. Following the migration, the application now consumes 14x less bandwidth and loads up twice as fast.
- Developed a medias and contents programming and broadcasting web application in TypeScript with React, Redux, Express, and Mongo.
- Built an adaptive and bandwidth-aware video player in TypeScript.
- Maintained a web application of print-on-demand orders management developed in JavaScript with React, Express, and Mongo.
- Implemented an internal tool to convert SWF files to concatenated PDFs.

Frontend Developer

BEEBUZZINESS

Grenoble, France

Co-op | Sep. 2016 — Aug. 2017

- Developed a web application of print-on-demand orders management developed in JavaScript with React, Express, and Mongo.
- Maintained an internal product theme customizing system in LESS.
- Implemented a custom quiz algorithm in JavaScript.

Skills

Programming languages TypeScript, JavaScript, Go

Technologies React, Node.js, Next.js, AWS Amplify, Docker, PostgreSQL, MongoDB, AWS DynamoDB, Linux

Languages French, English, Arabic, Japanese

Education

Master's Degree in Computer Science and Engineering

UNIVERSITÉ GRENOBLE ALPES

Grenoble, France

2018 — 2019

- Built a distributed object cache in Java with Java RMI.
- Implemented an experimental concept to let a user manage his phone notifications through a Meta 2 VR headset with Unity, C#, Java and Node.js.
- Built a note taking cross-platform native mobile app in TypeScript with Firebase, Ionic and React.