

# Mokhtar Mial

FULLSTACK WEB APP DEVELOPER

13 allée du parc Georges Pompidou, 38100 Grenoble, France

☎ +33 6 13 37 07 87 | ✉ mokht@rmi.al | 🏠 www.mokhtar.dev | 📱 m5r | 🌐 mokhtarmial | 🐦 @m5r\_m

## Education

### Master's Degree in Computer Science and Engineering

Grenoble, France

UNIVERSITÉ GRENOBLE ALPES

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.

### Bachelor's Degree in Software Design and Development

Lyon, France

INSTITUT G4

2017 — 2018

- Built and marketed a travel-planning and cost-sharing cross-platform native mobile app built with JavaScript, React Native, and Firebase.

### Bachelor's Degree in Project Management of Applied Computer Systems

Grenoble, France

SUP2I

2016 — 2017

- Experimented with providing a web hosting service based on Docker.

### Two-year Technical Degree in Computer Science and Networking

Meylan, France

LYCÉE DU GRÉSIVAUDAN

2013 — 2015

### French Secondary School Diploma (Baccalauréat), Science and Technology Major

Grenoble, France

LYCÉE VAUCANSON

2013

## Skills

### Programming languages

TypeScript, JavaScript, Go

### Technologies

React, Node.js, Next.js, AWS Amplify, Docker, Nginx, SQL, NoSQL

### Languages

French, English, Arabic, Japanese

## Experience

### Fullstack Developer

Grenoble, France

BEEBUZZINESS

Freelance | 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 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

Grenoble, France

BEEBUZZINESS

Freelance | 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

Grenoble, France

BEEBUZZINESS

Co-op | Sep. 2018 — 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.

### Fullstack Developer

Grenoble, France

BEEBUZZINESS

Co-op | Jul. 2017 — Sep. 2018

- 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

Grenoble, France

BEEBUZZINESS

Co-op | Sep. 2016 — Jul. 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.