

# Mokhtar Mial

FULLSTACK WEB APP DEVELOPER

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## 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.
- Implement 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 cross-platform native note taking 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, AWS Amplify, Docker, Nginx, SQL, NoSQL

### Languages

French, English, Arabic, Japanese

## Experience

### 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 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

- Maintained a web application of print orders management developed in JavaScript with React, Express, and Mongo.
- Implemented an internal tool to convert SWF files to concatenated PDFs.
- 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 JavaScript.

### Frontend Developer

Grenoble, France

BEEBUZZINESS

Co-op | Sep. 2016 — Jul. 2017

- Developed a web application of print 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.
- Integrated web interfaces mock-ups with HTML and CSS.