

Personal info



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France/United Kingdom

Languages



English (native) ★ ★ ★

French (native) ★ ★ ★

Hard skills



TypeScript, JavaScript

React, Redux, Next.js

CSS, MUI, Tailwind

Express, Node.js

Kotlin, Spring Boot

Electron

AWS (API Gateway, Lambda, S3)

Docker

PostgreSQL, Redis

Terraform

Soft skills



Teamwork and cooperation

Excellent communication

Critical thinking

Creativity

Adaptability

Hobbies



Physical fitness

Drawing, design and digital painting

Guitar, bass and electronic music production

Skiing

Louis De Gaudenzi

Full Stack Software Engineer

Currently designing and developing full stack applications with nearly four years of experience, I am looking mainly for remote Full Stack Software Engineer positions.

EXPERIENCE

Full Stack Software Engineer, Origami Energy



Main skills: **React, TypeScript, MUI, Node.js, Express**

Jul 2024 – Present, Cambridge (United Kingdom)

- Designing modular, reusable, and scalable React components that integrate seamlessly across different parts of the application
- Customising and theming the application using the MUI library to ensure a consistent, visually appealing design that aligns with brand guidelines
- Writing and maintaining API endpoints in Node.js + Express for common features in the app, such as user information and notifications
- Providing clear and thorough documentation for components, including usage guidelines, API details, and code examples, to support other development teams
- Optimizing React components for performance, including lazy loading, code splitting, and memoization to enhance user experience
- Managing application state using tools like Redux to ensure smooth data flow and application consistency

Full Stack Software Engineer, Slate Digital

Main skills: **React, TypeScript, Kotlin, Spring Boot, PostgreSQL**

Sep 2021 – Jul 2024, Grenoble (France)

- Designing and writing robust RESTful APIs in Kotlin + Spring Boot or Node.js + Express and translating visual mock-ups into React user interfaces
- Implementing authentication, authorization and payment mechanisms
- Data modeling, managing and interacting with PostgreSQL databases
- Developing Electron desktop applications
- Implementing automated unit, end-to-end and integration tests with Jest, Vitest, TestCafe, Testing Library for JavaScript, and JUnit for Kotlin
- Using behaviour-driven development methodology to improve the design and maintainability of the software, especially the automated tests
- Refactoring codebases, reducing coupling of services, and rearchitecting and modernising technical stacks
- Setting up CI/CD pipelines to build, test and deploy applications
- Maintaining clear and comprehensive documentation
- Reviewing code, pair/mob programming and cooperating with the team

Frontend Engineer Intern, Slate Digital

Main skills: **Vue.js, JavaScript, Web Audio**

Apr 2021 – Sep 2021, Grenoble (France)

- Designing and implementing audio web experiences using the JavaScript Web Audio API and Vue.js
- Using gamification to make the user experience more interactive and rewarding

EDUCATION

Master's Degree in Computer Science Engineering



Polytech Grenoble

2018 – 2021, Grenoble (France)

Higher National Diploma (DUT) in Computer Science

IUT2 – University of Grenoble-Alpes

2017 – 2018, Grenoble (France)

Double Major in Mathematics and Computer Science

University of Grenoble-Alpes

2015 – 2017, Grenoble (France)