MOHAMMED ILEF IKHELEF
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Languages : French (main), english
Personal website: milef.dev

TECHNICAL SKILLS

Programming languages: Java, Javascript, Typescript, currently learning Rust
Other skills : React, VueJs, TruffleJs, Ethereum, Web3js, React Native, Spring, NestJs, Prisma, TailwindCSS, Git and Github Actions
Concepts : REST, GraphQL, algorithms, data structure, CI/CD, Agile methodology, blockchain, cryptography and DApps

EXPERIENCE

Internship in web development at Ticketmaster 2024-2024

- Development of a web application using React, Typescript, Java, and Spring.
- Collaboration with development teams, UI/UX designers, as well as managers.
- Exploration, presentation, documentation, and integration of a new technology into the project.
- Refactoring code and programming new features and tests.
- Learning new technologies such as Spring and GraphQL.

Mobile Developer (Research Assistant) at Laval University 2021-2021

- Development of an iOS mobile application using React Native (Expo) for the Co-DOT research laboratory.
- Learning new technologies such as React Native.
- Development using Agile methodology.

Student job at the Ministère des Forêts, de la Faune et des Parcs 2018-2020

- Entering data from animal autopsy forms into a database.

EDUCATION

Bachelor's degree in Computer Science

Laval University 2021 – 2024 (completed)

Technique Programmation d'application web, mobile et cybersécurité (DEC)

Cégep de Sainte-Foy 2016 – 2020

PERSONAL PROJECTS

- **Fikra**: This full-stack project is a platform for developers to share their pet project ideas. It includes CRUD operations on posts with authentication and authorization. The frontend is built with React, TypeScript, and TailwindCSS, while the backend uses NestJS, TypeScript, PostgreSQL, and Prisma. For the CI/CD process, I am using GitHub Actions and Render. Visit the live version and the source code.
- **Sorting Algorithm Visualiser**: A simple app made with vanilla JavaScript, HTML, and CSS. The goal of the app is to visualize the sorting of pipes for each sorting algorithm. The user can generate as many pipes as he wants with random lengths, then presses the start button to sort them. The execution time is displayed once the sorting is completed. The app is hosted on GitHub Pages. Visit the live version and the source code.
- My other projects are presented in my personal website: milef.dev