Saif-Eddine Abdelkefi

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SUMMARY

Trilingual recent McGill graduate and full stack developer with 3+ years of experience. I have a strong foundation in web technologies and a deep understanding on how things work under the hood.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, SASS, Python, SQL, Java, R
Frameworks: Next.Js, Django
Libraries: React, Redux, SWR, Node.js, Prisma, Mongoose, Three.js, D3
Databases: PostgreSQL, MongoDB
Tools: Unix, WSL, Git, Google Cloud Storage, AWS, Docker, Webpack, Jira, React & Redux dev tools

SOFTWARE DESIGN EXPERIENCE

Software Developer (promoted from intern), PixMob, Montreal, Canada   May 2023 – Aug 2024
- Planned, shaped, and implemented a scalable over-the-air device firmware update feature (over 90,000 devices) integrating front-end, back-end, and a bridge application for device polling and updating
- Developed and maintained a RESTful API for a scalable CRUD platform to streamline tailored access to inventory and resources for internal employees and clients
- Designed, engineered and tested features, UI components and custom hooks in a web application for 3D light show visualization using Three.js and React TypeScript

Intern Developer, Raymond Chabot Grant Thornton, Montreal, Canada   May 2022 – Apr 2023
- Designed and developed a PowerBI integrated application that manages the comments of financial statements and the relation between the CFO and the accountants. The app was sold to two clients for over 80,000$

EDUCATION

Bachelor of Science, McGill University, Montreal, Canada   Sep 2020 – Dec 2024
- Major in Computer Science, minor in Mathematics

Exchange Semester, Lund University, Lund, Sweden   Sep 2023 – Dec 2023

RELEVANT PROJECTS AND ROLES

Executive member in CodeJam, the biggest annual hackathon in McGill   Sep 2024 – Nov 2024
- Developed registration and team matching features on the CodeJam website for over 500 users
- Conducted Node.js, and MongoDB workshop for over 50 attendees

Project: 2022 FIFA World Cup Predictor   Sep 2022 – Dec 2022
- Trained an SVM machine learning model that accurately predicted the 2022 FIFA World Cup final between France and Argentina, correctly crowning Argentina as the winner

Project: Get me MyCourses   Jan 2022
- Designed and built a python web scraper using python Selenium and BeautifulSoup, to download new course PDFs from McGill's MyCourses LMS, handling authentication and managing data storage