ALI CHAGRI
Senior Software Engineer

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SKILLS

Javascript, Typescript, C#, .NET, NodeJS, React, Redux, Vue.js, Lit, Nuxt, Pinia, Vuex, SQL, CSS, Vite, Vitest, Jest, Tailwind, Docker, AWS, Git, Scrum

PROFESSIONAL EXPERIENCE

MORNINGSTAR INC   **Toronto, Ontario, Canada**
Senior Full Stack Engineer   **09/2022-Present**

- Led the migration of multiple applications from **Vue 2** to **Vue 3** and from **Vuex** to **Pinia**, resulting in enhanced performance and maintainability metrics.
- Pioneered the adoption of Web components in Morningstar apps, introducing an educational component utilizing AI/LLM to provide users with comprehensive knowledge on retirement topics. This web component, developed with **Lit** and **TypeScript**, achieved a 20% increase in user engagement metrics.
- Developed proxy APIs using **Nest.js** and **TypeScript**, ensuring robustness and scalability of backend services.
- Coordinated with DevOps team and provided assistance in the deployment and maintenance of our applications on **AWS**.
- Collaborated with cross-functional teams to streamline development processes, reducing time-to-market new features and enhancements, while actively contributing to both backend **(.NET)** and frontend **(Vue.js)** development initiatives.
- Actively contributed to code reviews, ensuring code quality and adherence to best practices, resulting in a decrease in post-release bugs.
- Continuously explored and implemented emerging technologies to drive innovation and improve product offerings, contributing to user satisfaction ratings.

SOCIETE GENERALE AFRICA TECHNOLOGIES & SERVICES   **Casablanca, Morocco**
Software Engineer   **08/2018-08/2022**

- Led the revamp of our risk engine calculator UI from **AngularJS** to **React**, resulting in notable enhancements to user experience and performance metrics, including a 40% reduction in page load times.
- Developed and maintained the Risk Calculator Backend For Frontend (BFF) utilizing **Node.js/Express**.
- Developed/Maintained the core functionality of the risk calculator in **C#/.NET**, ensuring robustness and efficiency.
- Led the migration of **.NET Framework** projects to **.NET Core**, reducing deployment time and improving performance.
- Implemented **Elasticsearch** for monitoring the risk engine, creating actionable insights and reducing incident response time by 50%.
- Designed and constructed dashboards using **Grafana** for real-time visualization of risk engine metrics, improving decision-making processes.
- Managed and updated **SQL Server** database to ensure data integrity and accessibility.
- Established and maintained CI/CD pipelines using **GitHub** hooks and **TeamCity**, streamlining development workflows and reducing deployment cycles.

EDUCATION

Master's degree - Software Engineering and Systems Integrations   **2015-2018**
SCIENCES AND TECHNOLOGIES FACULTY • MOHAMMEDIA, MOROCCO

Two years diploma - Mathematics and Computer Science   **2013-2015**
SCIENCES AND TECHNOLOGIES FACULTY • MOHAMMEDIA, MOROCCO

CERTIFICATION

- AWS Certified Cloud Practitioner   **2023**
- Professional Scrum Master 1 Scrum.org   **2019**

LANGUAGES

English, French, Arabic