Mehdi Luthon

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SUMMARY:

Highly accomplished and results-driven Senior Software Engineer with 5+ years of experience in designing, developing, and deploying scalable and high-performance applications. Proficient in full-stack development with modern technologies such as TypeScript, React, and Node.js, alongside experience in Rust and Python. Passionate about solving real-world problems through innovative engineering solutions in a dynamic and high-growth environment.

WORK EXPERIENCE:

Feb 2021 – Current (FT)

Opensee (Paris, France) https://opensee.io
Senior Software engineer

Opensee offers a big data solution for financial institutions. During my time at Opensee, I had the opportunity to work with multiple teams on both front-end and back-end topics.

- Calculator service: Designed and built a Rust-based server for orchestrating computational tasks with a Python library for client-side integration, improving execution efficiency and scalability.
- ETL Pipelines: Developed an Extract-Load-Transform (ETL) pipeline for streamlined data ingestion, significantly reducing client onboarding time.
- Web Applications: Delivered core functionalities such as user management, authentication, and data visualization for big data analysis applications using React and Angular.
- Developer Tools: Created a Visual Studio Code extension to enhance Python-based calculator development, streamlining integration with Opensee's big data platform.

Tech stack:

Front-end:	React, Angular, Typescript
Back-end:	Rust, Python, Node.js, PostgreSQL, Clichouse
Tests:	Jest, Cypress, Pytest
CI/CD:	Gitlab CI, Bash, Docker

Jan 2020 – Jan 2021 (FT)

Aques (Tokyo, Japan) https://aqu-es.co.jp
Software engineer

Aques is an online English school, I designed and built a new booking and management system for both the company clients and employees. https://app.aqu-es.co.jp

- Customer-focused Solutions: Led the design and implementation of a booking and management system tailored for the company's clients and employees.
- Rapid Prototyping: Assessed user requirements to produce prototypes and iteratively developed the system.
- End-to-End Ownership: Managed deployment, maintenance, and continuous improvement of the web application with regular feature releases.

Tech stack:

Front-end:	Angular
Back-end:	NodeJS, MariaDB
Test:	Jasmine/Karma, Jest
Server:	Nginx, debian 10, Google Cloud

LANGUAGES:

English: Business
French: Native
Japanese: Beginner