

SOMA MOHAMED KONATE

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PROFESSIONAL SUMMARY

Complex problem-solver with analytical and driven mindset. Well-organized, fast learner and collaborative team player dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

WORK HISTORY

Freelance – AI Software Developer

San Francisco, CA • 02/2023 – 04/2024 (Contract)

- Collaborated closely with a distributed team of developers to design, implement, and optimize sophisticated AI algorithms and models.
- Leveraged expertise in software development methodologies and best practices to deliver robust and scalable AI solutions.
- Demonstrated exceptional problem-solving skills and adaptability in navigating complex technical challenges within a remote work environment.
- Contributed to the development of innovative software applications while adhering to strict project timelines and deliverables.
- Maintained a high level of productivity and consistently delivered high-quality code, ensuring the successful execution of AI projects.

Ford Motor Company of Canada - Software Developer Intern

Ottawa, ON • 05/2023 - 08/2023 (Full-Time)

- Demonstrated expertise in Python, C++, Flash, contributing to the creation of robust and maintainable code that increased efficiency by 15%.
- Led collaborative and multidisciplinary teams in the development of an internal web application, boosting team productivity by 10%.
- Collaborated on new versions of Telematics Control Units (TCU) using C/C++, emphasizing CAN protocol, AutoSAR, and diagnostics.
- Collaborated on essential feature development, including connectivity, wireless communication, OTA updates, data collection, remote-control features, security, and eCall functionality for emergency services.
- Developed and maintained a resilient testing framework using C/C++ for unit testing and Python for automation, ensuring the quality, reliability, and superior performance of software solutions.

SKILLS

- Docker, Jenkins
- **Frontend:** ReactJS, NextJS, AngularJS, HTML, CSS, Bootstrap, JavaScript
- **Backend:** Node.js, Springboot, SQL, PostgreSQL, GraphQL, Firebase, MongoDB
- **DevOps:** Docker, Jenkins, Kubernetes
- **Testing:** Cypress, Selenium, Slash
- **Languages:** Python, C++, Java
- Methodology: Scrum
- Web Security, API Design
- **Operating Systems:** Linux, Windows
- Mobile: Android

EDUCATION

University of Ottawa

Ottawa, Ontario • 09/2019-12/2023

Bachelor of Applied Science in Software Engineering

- 4/4 GPA

Sendit - Fullstack Software Developer

Ottawa, ON • 04/2022 – 12/2023 (Part-Time)

- Designed and implemented an intuitive user interface using ReactJS, resulting in a 20% increase in user engagement.
- Developed a robust server-side functionality with Node.js, improving data processing efficiency by 30%.
- Implemented automated testing procedures, reducing software bugs by 25% and enhancing overall platform reliability.
- Used Docker for containerization, Jenkins for continuous integration, and Kubernetes for efficient deployment, reducing deployment times by 40%.

Giatec Scientific Inc. - Software Engineer

Ottawa, ON • 01/2022 - 04/2023

- Designed, executed programming, configured, or integrated applications (services, microservices, API REST).
- Participated in estimating efforts, analyzing costs, and project realization.
- Achieved a 50% reduction in overall test execution time through the implementation of advanced automation solutions with Cypress and Gitlab CI.
- Contributed to the formulation and validation of achievement and team goals in close collaboration with the product owner (PO) and/or clients.
- Modified existing applications to update or correct programming errors and provided technical support to users.
- Designed plans and test strategies ensuring the quality of web and mobile applications.

CERTIFICATIONS

- Software Development in Java , Wiley Edge – 8 mar 2024
- Fullstack Development Expertise, micro1 – 13 feb 2024
- Problem Solving, Hackerrank - 22 oct 2023

LANGUAGES

French



English

