ORITSEMEYIWA JORDAN TEMILE

(647) 784-1504 | contact@meyiwatemile.com | website.meyiwatemile.com | Ottawa, Canada

EDUCATION

Carleton University   Ottawa, Canada
Bachelor of Engineering in Software Engineering   *September 2020 – June 2024*
Relevant Coursework: Algorithms & Data Structures, Operating Systems, Networks, Embedded Systems, Computer Architecture, Circuits, Database Systems, Compiler Construction, Software Engineering Management, Software Testing.

EXPERIENCE

Software Engineer   January 2024 – Present
Giftyf (Startup)   *Ottawa, Canada*
- Analyzed and optimized hosting environment and database administration, achieving a 20% reduction in system downtime.
- Developed and executed automated testing procedures, reducing post-release defects by 20%.
- Implemented and monitored application performance metrics, enhancing user engagement by 40%.
- Collaborated with cross-functional teams to design and implement a new system architecture, improving overall productivity by 15%.

Software Developer Intern   May 2022 – October 2023
Reyon Bottling Company   *Remote*
- Optimized SQL queries, reducing data retrieval time by 15%.
- Developed and deployed automated build and release pipelines using GitHub CI/CD, accelerating deployment by 25%.
- Programmed scalable back-end scripts in Spring, increasing back-end performance by 20%.
- Created performance and capacity metrics dashboards for key stakeholders, enabling data-driven decisions.

SOFTWARE PROJECTS

Manga Verse | *React, Flask, TypeScript, Python, PostgreSQL, Docker*   June 2024 - July 2024
- Developed a web application for browsing and reading manga with React and TypeScript.
- Integrated machine translation to enable multilingual reading experiences.
- Built a RESTful backend server with PostgreSQL for persistent manga storage.
- Implemented caching strategies to improve data retrieval speed.

Accessible Autonomous Vehicle | *Python, ROS, AWS, Gazebo, CARLA*   September 2023 - April 2024
- Led the development of an autonomous vehicle system using ROS, focusing on perception, localization, and control systems.
- Designed a dashboard web app for monitoring and control, improving operational efficiency and safety by 78%.
- Integrated Amazon Polly for text-to-speech capabilities, enhancing accessibility by 30%.

Passenger Transport UAV | *Python, JavaScript, MATLAB, ROS, YOLO, OpenCV*   June 2022 – May 2023
- Implemented computer vision-based precision landing, improving efficiency and safety by 70%.
- Automated flight data deployment with a Node.js application, reducing manual efforts by 50%.
- Designed a custom ground station UI to enhance mission performance by 15%.
- Optimized performance using an NVIDIA Jetson Nano, leveraging a YOLOv5 object detection model with 90% accuracy on a dataset of 3000+ images.

Home Lab Infrastructure and Network Management
- Configured a Linux-based home lab simulating enterprise-level infrastructure with a focus on networking, virtualization, and security.
- Automated system provisioning using Ansible, reducing setup time for new environments by 80%.
- Monitored system performance and network traffic with Grafana and Prometheus, creating dashboards for CPU, memory usage, and network load.

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, TypeScript, SQL
Web Development: HTML5, CSS3, React, Node.js, NestJS, Spring Boot, REST APIs, Kafka, Elasticsearch
DevOps & Tools: Docker, Git, Jenkins, Bash Scripting, AWS, Maven, JIRA
Databases: MySQL, MongoDB, PostgreSQL, Redis, SQLite
Monitoring & Logging: LogicMonitor, Grafana