

# ORITSEMEYIWA JORDAN TEMILE

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## EDUCATION

### Carleton University

Bachelor of Engineering in Software Engineering

Ottawa, Canada

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

Giftyf (Startup)

January 2024 – Present

Ottawa, Canada

- Analyzed and optimized hosting environment and database administration, leading to 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 experience and engagement by 40%.
- Collaborated with cross-functional teams to design and implement a new system architecture, leading to a 15% increase in overall productivity.

### Software Developer Intern

Reyon Bottling Company

May 2022 – October 2023

Remote

- Optimized SQL queries, reducing data retrieval time by 15%.
- Developed and deployed automated build & release processes using GitHub CI/CD, improving deployment speed by 25%.
- Programmed scalable back-end scripts in Spring, increasing back-end performance by 20%.
- Created performance and capacity metrics dashboards for key stakeholders.

## SOFTWARE PROJECTS

### Accessible Autonomous Vehicle | Python, ROS, AWS, Gazebo, CARLA

September 2023 - April 2024

- Led development of an autonomous vehicle with ROS, focusing on perception, localization, and control systems.
- Implemented full-stack programming techniques to develop a dashboard web app, increasing operational efficiency and safety by 78%.
- Adapted Amazon Polly for text-to-speech capabilities, enhancing accessibility by 30%.

### MangaVerse | React, Flask, TypeScript, Python, PostgreSQL, Docker

March 2023 – September 2023

- Developed a web application for browsing and reading manga using React and TypeScript.
- Integrated Machine translation allowing users to read manga/images in their desired language.
- Designed a RESTful backend server enabling persistent manga storage in PostgreSQL.
- Implemented caching strategies to enhance data retrieval speed.

### Passenger Transport UAV | Python, JavaScript, MATLAB, ROS, YOLO, OpenCV

June 2022 – May 2023

- Utilized computer vision for precision landing, improving efficiency and safety by 70%.
- Developed Node.js application to automate flight data deployment, reducing manual labour by 50%.
- Designed customized UI for the ground station, enhancing mission performance by 15%.
- Maximized performance with a Linux based on-board NVIDIA Jetson Nano, employing a YOLOv5 object detection model trained on an extensive dataset of 3000+ images, with 90% accuracy.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C/C++, JavaScript, TypeScript, SQL

**Web Development:** HTML5, CSS3, React, Node.js, NestJS, Spring Boot, REST APIs, Elasticsearch

**DevOps & Tools:** Docker, Git, Jenkins, Bash Scripting, AWS, Maven, JIRA

**Databases:** MySQL, MongoDB, PostgreSQL, Redis, SQLite

**Infrastructure-as-Code:** Ansible, Cloudify

**Monitoring & Logging:** LogicMonitor, Grafana

**ERP Systems :** Basic Knowledge of SAP ABAP