

Gutu Shiferaw

Software Engineer | Full Stack Developer

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Professional summary

High-performing Software Engineer with a passion for creating and optimizing full-stack solutions. Proven track record in designing and implementing scalable software. Proficient in diverse programming languages, consistently delivering top-notch solutions. Collaborative team player dedicated to staying current with industry trends. Committed to Personal growth and contributing to team success.

Areas of Expertise

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|----------------------------------|----------------------------------|---------------------------|
| ✓ Full-Stack Development | ✓ Server-side Scripting and APIs | ✓ Responsive Web Design |
| ✓ Database Design and Management | ✓ UI and User Experience Design | ✓ Version Control Systems |

Career Highlights

Received recognition from Government of Canada Minister Hon. Marci Ien, MP Ryan Turnbull, and MP Jennifer O'Connell for my contributions to sustainable renewable energy, specifically my work in the development of a Micro Grid controller GUI.

Professional Experience

Full Stack Developer, People to People Aid Organization, Toronto, Ontario | June 2023- Present

- Designed the "Sound the Horn" website using Figma and implemented the website in Word Press for a dynamic and responsive user interface.
- Developed an interactive Asset Mapping Web Application using the MERN development stack and integrated Google Maps API for enhanced geospatial functionality.
- Designed and implemented a user-friendly Mobile Appointment Scheduler for the Mentorship Program, utilizing Figma for the conceptualization and React Native for cross-platform functionality.
- Led the Tech Team, overseeing staff collaboration and project execution across various software initiatives within the organization.
- Provided ongoing support and supervision to tech needs, specifically responding to questions and concerns with account access and overall system improvement.

Software Developer, Information Network Security Agency (INSA), Remote Internship | August 2021 – September 2022

- Developed a comprehensive Fuel, Oil, Lubricant, and Car Administration System as a mobile application using Flutter for the front end, delivering an intuitive and responsive user experience.
- Implemented robust backend functionalities utilizing Java Enterprise Edition (EJB), ensuring seamless data management and system efficiency.
- Collaborated with a multidisciplinary team to gather requirements, refine project specifications, and successfully deliver a fully functional and user-friendly mobile application.
- facilitated efficient resource management, allowing for the seamless allocation and optimization of resources resulting in a robust and scalable system capable of accommodating the dynamic needs of INSA's fuel, oil, lubricant, and car administration processes.

Education

Bachelor of Engineering, Software Engineering

Ontario Tech University, Oshawa, ON | 2023

Technical Proficiencies

Java Enterprise Edition | Flutter | React-native | React JS | HTML | CSS | JavaScript | Django | Mongo DB | SQL | Node JS | GCP | Digital Ocean | Firebase | Restful API | Python | Tailwind CSS | Word Press | C++ | EJS | Data Management systems.

Other Projects

- **The Development of Micro grids for rural communities in Canada:** Developed a Microgrid Controller GUI tool Using Python's Django framework. Worked with a team of Electrical Engineers to deliver A microgrid simulation that runs on renewable resources.