Rwakasiisi Edwin

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OBJECTIVE

Backend software developer passionate about building scalable, high-performance systems and streamlining development workflows through DevOps practices. Seeking opportunities to leverage my expertise in backend technologies, databases, and cloud infrastructure to deliver innovative, reliable, and efficient solutions while continuing to grow in a dynamic, collaborative environment.

WORK EXPERIENCE

NOV 2024 – PRESENT SOFTWARE ENGINEER

- Design, implement, and deploy a scalable microservices-based project to enhance system performance and maintainability.
- Contribute to the development and testing of the Education Management Information System (EMIS), ensuring reliability and data integrity.
- Provide ongoing support for both development and operations, optimizing workflows and resolving technical issues promptly.

DEC 2024 – NOV 2025 TRAINER

PRIMACY ICT SOLUTIONS

- Trained students on fullstack web development(HTML, CSS, JS & React)

JUL 2024 – NOV 2024 SOFTWARE ENGINEER INTERNEE

SMSONE (U) LTD

- Customized and deployed a project management solution(Kanboard) for project tracking, enhancing team collaboration.
- Contributed to the development and testing of Education Management Information Systems(EMIS), supporting data model refinement, testing, and quality assurance.
- Led project coordination and documentation for a bulk SMS platform, developed its backend using laravel, and managed the CI/CD deployment pipeline for streamlined delivery and maintenance.
- Contributed to the development of a scalable SMS platform by designing a data model and deploying an API Gateway to ensure efficient data flow.
- Set up local and staging environments with Docker for a bulk SMS platform.

EDUCATION

OCT 2022 – PRESENT BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

MAKERERE UNIVERSITY

NOV 2021 – JAN 2024 DIPLOMA IN SOFTWARE ENGINEERING

SAI PALI INSTITUTE OF TECHNOLOGY

CERTIFICATIONS

- Data Analysis with Python - freeCodeCamp
- Back End Development and APIs – freeCodeCamp
- 2024 NSSF | Daily Monitor Career Expo – National Social Security Fund

SKILLS

Programming Languages: JavaScript, PHP, Python & Java

Frameworks & Libraries: Laravel, CodeIgniter 4, React & Vue

Databases: MySQL, Postgresql

Version Control: Git & GitHub

Other: Docker, Kubernetes