Layson Gabriel Ndenza

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Professional Summary

A final-year Software Engineering student at the University of Dodoma with a strong passion for web and mobile applications development. Experienced in modern technologies including React.js, Vue.js, Flutter with Dart, Node.js, Spring Boot, and Laravel. Adept at building and deploying full-stack applications on cloud platforms like AWS. Eager to apply and expand these skills in a professional and collaborative internship environment.

Education

- Bachelor of Science in Software Engineering
- University of Dodoma (UDOM), 2021 – 2025
- • Final Year Project: Development of Centralized Blood Transfusion Service in Tanzania – https://nbts-donors-app.netlify.app/

Technical Skills

- Languages/Frameworks: JavaScript, React.js, Vue.js, Flutter, Dart, Node.js, Python, MySQL, Java, Laravel, Spring Boot
- Dev Tools: Git, GitHub, Docker, Linux, REST APIs
- Soft Skills: Teamwork, Time Management, Problem Solving, Fast Learner

Projects

- • National Blood Management System – A centralized platform for managing blood transfusion services in Tanzania.
- Tech: Spring Boot, Docker, Kubernetes, Kafka, PostgreSQL
- Backend: https://github.com/McharoLabs/national-blood-management-system.git
- Donor App: https://github.com/CEO-LAYSON/nbts-appointment-app.git

Internship Experience

- Tanzania Civil Aviation Authority (TCAA), Dar es Salaam – Software Developer (2 months, 2023)
- • Developed web applications using Laravel and PHP.
- • Gained collaborative development experience within a technical team.
- Azania Bank PLC, Mawasiliano Towers – Software Engineer (2 months, 2024)
- • Built an Internal Systems Change Request Management System currently in use.
- • Collaborated with IT team to streamline reporting and maintenance processes.

Languages

- English – Fluent
- Swahili – Native