LAYSON NDENZA

Software Developer

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Profile

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   Nov 2021 - Jul 2025

University of Dodoma, Dodoma, Tanzania

Advanced Certificate of Secondary School (ACSEE)   Jul 2019 - May 2021

Iyunga Technical School, Mbeya

Major: Physics, Chemistry & Pure Mathematics(PCM)

Certificate of secondary school (CSEE)   Jan 2015 - Nov 2018

Scolastica Secondary School, Moshi, Kilimanjaro.

Personal Experience

Software Developer   Jul 2023 - Aug 2023

Tanzania Civil Aviation Authority (TCAA), Dar es Salaam

Developed web applications using Laravel and PHP.

Gained collaborative development experience within a technical team.

Software Developer   Jul 2024 - Aug 2024

Azania Bank PLC, Mawasiliano Towers, Dar es Salaam.

Built an Internal Systems Change Request Management System currently in use.

Collaborated with IT team to streamline reporting and maintenance processes.

Software Deloper   Nov 2024 - Jun 2025

The University of Dodoma Final Year P, Dodoma

Skills

JavaScript

React.js

Vue.js

Flutter

Dart

Node.js

Python

MySQL

Java

Laravel

Spring Boot

Git

GitHub

Docker

A Centralized Platform for Managing Blood Transfusion Services in Tanzania. A scalable and secure digital solution designed to streamline and modernize blood donation operations across the country. The system facilitates efficient donor registration, appointment scheduling, blood stock tracking, and inter-Zones coordination. Built with modern enterprise-grade technologies to ensure high availability, performance, and future scalability.

- **Tech Stack:** Spring Boot · Docker · Kubernetes · Kafka · PostgreSQL, React.js
- **Zones Centralized Management System:** GitHub - McharoLabs/national-blood-management-system
- **Donor Appointment App:** GitHub - CEO-LAYSON/nbts-appointment-app

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Referrees

Paschazia Sulwa Machanya
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Linux

REST APIs

Teamwork

Time Management

Problem Solving

Fast Learner

Languages

English

Swahili

Hobbies

Gamer

Coding