

AMANI MIKINDO

PERSONAL DETAILS

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PERSONAL PROFILE

Business Information Technology undergraduate at UDSM CoICT specializing in backend and full-stack development. Experienced in building scalable systems using Java, Spring Boot, REST APIs, and modern frontend frameworks such as React and Next.js, with skills in database design, secure authentication, and system integration. Passionate about developing impactful digital platforms that address real-world challenges.

EDUCATION BACKGROUND

Bachelor of Science in Business Information Technology University of Dar es Salaam (UDSM), College of ICT (CoICT)	Ongoing (Final Year)
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EMPLOYMENT BACKGROUND

Web Developer — AMRED Health Center	2026
Frontend Developer (Intern) — Helga Digital Solutions	Oct 2025 – Dec 2025
Frontend Developer (Practical Training) — Flex Corporate Services	Jul 2025 – Sep 2025
Software Developer (Practical Training) — Tanzania Revenue Authority	Jun 2024 – Aug 2024
Backend Developer — Daisy Foundation	May 2024

PROJECTS

- **AI-Driven LISHE Nutrition Application (Final Year Project)** — Mobile app delivering personalized, AI-based nutrition and diet recommendations from user health data.
- **Smart Invitation Card System** — Spring Boot platform that generates digital event invitations and distributes them via WhatsApp and SMS, with guest tracking and validation.
- **Daisy Donation Monitoring System** — Backend for tracking donor contributions, generating PDF receipts, and sending email notifications, secured with Spring Security.
- **Full-Stack E-Commerce Platform** — Web application built with Next.js, Tailwind CSS, Spring Boot, JWT, and PostgreSQL, featuring a product catalog, search, and a scalable REST API.
- **UDSM Journals & Citation System (Hackathon)** — Prototype for managing journal submissions, peer review, and citations; contributed to backend design and system architecture.

SKILLS

Languages: Java, SQL

Backend: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate

Frontend: React, Next.js, Tailwind CSS

Databases: MySQL, PostgreSQL

Tools: Git, GitHub, Maven, Docker, Postman, Swagger (OpenAPI)

Architecture: MVC, DTO Pattern, Layered Architecture, Microservices

Soft Skills: Communication, Team Collaboration, Problem Solving, Critical Thinking, Adaptability, Strong Work Ethic