

IMANI LAMECK KIRENGA

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Summary

My name is Imani Lameck Kirenga, a dedicated professional in Information Technology and Software Engineering. I am a highly self-driven individual seeking to launch my career in a dynamic and challenging environment where I can apply my skills, grow continuously, and contribute real value. My goal is to leverage my technical expertise, adaptability, and strong work ethic to deliver impactful solutions while expanding my knowledge and making a meaningful difference in every role I undertake.

Academic qualifications

Oct.2020- July.2024 **The University of Dodoma (UDOM)**

- Bachelor of Science in Software Engineering

July.2018-May.2020 **St. Amedeus High School**

- Advanced Certificate of Secondary Education Examinations(ACSEE)

Jan.2014- Nov.2017 **Star High School**

- O-Level (CSEE)

Jan.2007- Dec.2013 **Safina Primary School**

Trainings and Memberships

15 Aug.2024 **THE STRUCTURED ENGINEERS APPRENTICESHIP PROGRAMME (SEAP) TRAINING**

Training topics: Ethics and Discipline, Job Search Techniques, Cover letter writing, CV writing, Interview Tips and Techniques, and Employability attributes

Aug.2021- Oct.2021 **NETWORK ADMINISTRATION AND RELATED TOPICS**

Training topics: Preparation of Bill of Requirements, Ethernet termination, CCTV camera installation, Router configuration and Telephone system (PBX server)

Aug.2021 -Oct.2021

ETHICAL HACKING TRAINING

Training topics: Learning Cyber Security Principles and practical application in penetration Testing and Vulnerability Assessment

Working Experience

Feb 2025 –

Position: **Software Developer**

Company: MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY

Responsibilities

- Develop API to communicate between Front End and Backend
- Coordinated with backend developers to resolve API-related issues.
- Structured relational models for startups, mentors, and hubs using **Django ORM**
- Ensured smooth integration between frontend and backend.

Aug 2023 – Sept 2023 Position: **IT Support**

Company: **KINONDONI MUNICIPAL COUNCIL**

Responsibilities

- Develop API to communicate between Front End and Backend
- Developed responsive front-end interfaces using **AngularJS** and **Tailwind CSS** for better user experience.
- Database and Server administration

Aug 2022 - Sep 2022 Position: **Software Developer**

Company: **MAYOCOO DIGITAL AGENCY**

IMANI L. KIRENGA

Responsibilities

- Learning Laravel Framework
- Develop Front End E-commerce Mobile Application Using Flutter
- Development Backend E-commerce System using Laravel Framework
- API integration for front End and Backend

Projects

Startup Hub Connect under MCIT (Django + AngularJS + Tailwind) 2025-03

Developed a startup aggregation and mentorship platform that connects entrepreneurs with accelerator hubs and industry mentors. Integrated a Django backend with an AngularJS + Tailwind CSS responsive frontend to enable real-time application tracking, event listings, and mentor assignments. Designed scalable APIs for seamless startup-hub communication, boosting early-stage collaboration in the African entrepreneurship ecosystem.

Jamii Wallet under MCIT (Financial Inclusion App) 2025-05

Built a secure Django-powered wallet system for local communities to send, receive, and track transactions with ease. Integrated M-Pesa and other mobile money APIs for seamless payments. Designed with offline-first capabilities to serve rural users with limited internet access, supporting Tanzania's push toward digital financial inclusion.

DCEA Platform under MCIT (Digital Case Exhibit & Property Management) 2025-03

Designed and developed a property exhibit management system for legal and investigative teams, enabling secure uploads, metadata tagging, and case-property linking. Optimized backend data handling with Django ORM and implemented a clean, intuitive Angular + Tailwind UI for rapid exhibit retrieval, reducing case preparation times by 35%.

LLM Book Recommender using Kaggle Datasets 2025-07

Created a Jupyter Notebook application powered by LangChain to recommend books based on conversational user input.

Integrated an LLM to parse preferences, query a custom dataset, and provide personalized reading suggestions with reasoning explanations.

Technologies Used: Python, LangChain, OpenAI API, Pandas, Jupyter Notebook, Prompt Engineering

General Skills

Technical Skills

- Network & Server Administration.
- Mobile development Flutter, Java.
- Front-End Development
Basic Technology (HTML, CSS,
JavaScript)

Framework (Angular, VueJS, React and Nextjs)

- Back-End Development
Python, PHP, Java, C#
Framework (Laravel)
Java spring and springboot
Express and Nodejs
- Database
SQL, MongoDB, PostgreSQL , MySQL, SQLite
- Tools and Technology
AWS, Docker, GitHub, Gitlab, Postman
- API's
Rest API, Restful API

Computer Literate

- Microsoft package; Microsoft Word, Excel, Publisher, PowerPoint and Outlook
- Computer Maintenance, windows troubleshooting, update and windows repair.

Language Proficiency

- Kiswahili
- English

Hobbies and Interest

- Reading story books
- Watching TV Channels and Movies
- Watching and Listening Motivation & Inspiration Videos
- Playing Video Games

Certification

I certify that information provided here is correct to the best of my knowledge.

Name: **IMANI LAMECK KIRENGA**

I. L. Kirenga

IMANI L. KIRENGA

Referees

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