

PROFESSIONAL SUMMARY

Results-driven Full Stack Software Developer with a strong foundation in Python (Flask), React, JavaScript, and SQL databases. Holds a BSc in Business Information Technology and has completed intensive software development training at Moringa School. Brings a unique blend of technical development expertise, financial data analysis, and commercial acumen from a diverse career. Passionate about building scalable, user-focused web applications and contributing to impactful digital products.

TECHNICAL SKILLS

Python

Flask

React

JavaScript

HTML/CSS

SQL

PostgreSQL

Git/GitHub

WordPress

REST APIs

Airtable

MS Office Suite

Tableau

Figma

WORK EXPERIENCE

Web Developer | Hostkraft Limited

Aug 2025 – Present

- Develop and deploy responsive e-commerce and business websites using WordPress, HTML, CSS, and JavaScript, tailoring solutions to client business goals.
- Design intuitive user interfaces and navigation menus, applying UX best practices to improve engagement, accessibility, and user retention.
- Write, review, and optimise clean front-end and back-end code, integrating multimedia content, third-party APIs, and CMS customisations.
- Conduct systematic software testing, debugging, and performance optimisation, resolving bottlenecks before and after deployment.
- Maintain production systems through regular updates, security patches, and technical audits ensuring maximum uptime and reliability.
- Collaborate with designers, project managers, and stakeholders to translate business requirements into functional, scalable web solutions.

Loan Officer | JAZA CAPITAL

Jan 2024 – Jul 2025

- Evaluated and processed loan applications by conducting thorough analysis of client financial statements, credit histories, and risk profiles.
- Built strong client relationships by clearly explaining loan products, eligibility criteria, and repayment structures throughout the process.
- Managed end-to-end loan portfolio monitoring, tracking repayment schedules and proactively following up to reduce default rates.
- Prepared detailed credit reports and financial summaries for senior management, contributing data-driven insights to lending policy.
- Ensured compliance with regulatory and internal lending guidelines, accurately maintaining client records and due diligence files.
- Identified cross-selling opportunities for additional financial products, contributing to portfolio growth and deeper client engagement.

Sales & Growth Representative | Wasoko

2022 – 2023

- Developed and executed customer acquisition strategies to onboard supermarkets, shops, and kiosks, consistently exceeding monthly sales targets.
- Conducted in-person product presentations and demonstrations, clearly communicating value propositions and converting leads to active accounts.
- Built and nurtured long-term client relationships through structured follow-up systems, ensuring high retention and satisfaction scores.
- Analysed market data, customer feedback, and competitor activity to refine sales strategies and identify new growth opportunities.
- Coordinated with operations and marketing teams to ensure seamless onboarding, timely fulfilment, and effective campaign execution.
- Compiled regular sales reports and field intelligence for leadership, providing actionable insights that informed product and go-to-market strategies.

FEATURED PROJECTS

Meridian Task Planner | *AI-Powered Daily Planning Application*

Mar 2026

- Built a full-stack AI productivity application bridging long-term goals with daily execution, featuring a live dashboard with real-time progress metrics and visual goal indicators.
- Integrated Claude AI as a personalised coaching interface with full context of the user's goals and schedules, enabling intelligent prioritisation advice and daily accountability check-ins.
- Implemented a dynamic task management system linking each task directly to a parent goal, enabling granular progress tracking across both daily and yearly timelines simultaneously.
- Designed a beautifully crafted, fully responsive UI with smooth animations, progress bars, and an intuitive layout optimised for both productivity and visual clarity.
- Deployed the application on Vercel with continuous integration, ensuring fast load times, zero-downtime updates, and a reliable production environment.
- Architected the back-end with a clean RESTful API structure, enabling modular feature expansion and seamless communication between the AI coaching layer and the task engine.

Live: meridian-gl6m.vercel.app | GitHub: github.com/zak-dev-art/Meridian

Fresh Movers Application | *Full Stack Logistics Platform*

- Designed and built a full-stack logistics platform connecting customers with professional movers, handling the complete booking lifecycle from service request to job completion.
- Developed RESTful APIs and implemented role-based authentication (RBAC) to securely manage customer, mover, and admin access levels using Flask and JWT tokens.
- Built a fully responsive React front-end with seamless booking workflows, real-time status updates, and an intuitive UI optimised for both desktop and mobile users.
- Implemented a dynamic search and filtering system enabling customers to find, compare, and book movers based on location, availability, ratings, and service type.
- Designed a structured relational database schema using PostgreSQL, handling complex relationships between users, bookings, service listings, and payment records.
- Integrated real-time notification workflows to keep customers and movers updated on booking confirmations, job status changes, and completion summaries.

Moringa Tech App | *Community Content & Knowledge Platform*

Jan – Feb 2026

- Contributed to a content-driven platform providing Moringa students with authentic, verified insights through videos, audio, and articles curated from alumni, staff, and industry experts.
- Developed and integrated multimedia content delivery pipelines, ensuring smooth, performant streaming and rendering of mixed-media content across a diverse student user base.
- Built structured content categorisation and tagging features, enabling students to filter resources by topic, format, experience level, and industry domain.
- Collaborated in an agile team environment, participating in sprint planning, code reviews, and daily standups to deliver features iteratively within a defined six-week timeline.
- Implemented a community contribution system allowing verified alumni and staff to submit, review, and publish content directly to the platform through a moderated workflow.
- Optimised front-end rendering performance through lazy loading, component memoisation, and efficient state management, significantly improving page load times.

ICT Technician Intern | *Kaitheri County Polytechnic*

Aug – Dec 2021

- Maintained the school's network infrastructure alongside external ICT support teams, managing WAN connectivity, Active Directory, and ensuring all mobile and desktop devices were fit for purpose.
- Provided front-line technical support to staff and students, diagnosing and resolving hardware, software, and connectivity issues efficiently to minimise downtime.
- Managed an accurate database of software licenses, ICT equipment registers, and internet permission records, ensuring full compliance with institutional data governance policies.
- Planned and executed ICT hardware refresh cycles, evaluating aging equipment against current institutional needs and recommending cost-effective upgrade pathways.

- Delivered ICT training sessions alongside the ICT Coordinator, upskilling teaching and support staff on productivity tools, system usage, and digital best practices.

ZAKAYO KAGUNDA

Full Stack Software Developer

Python | Flask | React | JavaScript | SQL | WordPress

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Nairobi, Kenya

portfolio-zac.vercel.app

EDUCATION

Moringa School

Aug 2025 – Feb 2026

Software Development Program

Full Stack Web Development | Python, Flask, React, SQL

Kirinyaga University

2017 – 2022

BSc Business Information Technology

Second Class Honours, Upper Division

Institute of Advanced Technology

2024

Certification in Python Programming

Molo Academy Boys, Nakuru

Feb 2012 – Nov 2016

Kenya Certificate of Secondary Education (KCSE)

Grade: B-

REFEREES

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Available upon request: Full portfolio, code samples, and additional references.