

HERMAN REMINGTON

Nairobi, Mombasa, Kenya
+254 725 325 915 | +254 786 486 062
remingtonherman7@gmail.com

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [PeerList](#) | [Youtube](#)

PROFESSIONAL SUMMARY

Software Engineer specializing in SaaS platforms, backend APIs, and full-stack application development using Python (Flask), React, and PostgreSQL. Proven experience building production systems integrating payments, authentication, and multi-tenant architectures for SMEs and startups. Strong ability to translate real business problems into scalable technical solutions across the full development lifecycle, from system design to deployment.

CORE SKILLS

Languages: Python, JavaScript, PHP, HTML, CSS.

Frameworks: Flask, React.js, Laravel, SQLAlchemy, Bootstrap.

Databases: PostgreSQL, MySQL, SQLite, MongoDB.

APIs & Auth: REST APIs, JWT, OAuth, Role-Based Access Control.

Cloud & Tools: Git, Linux, Postman, Supabase, Vercel, Render, HostAfrica.

Payments & Integrations: M-Pesa, Stripe, OpenRouter API.

Concepts: SaaS Architecture, Multi-Tenant Systems, Agile (Scrum), UI/UX (Figma).

Additional: SEO, AI Automation.

PROFESSIONAL EXPERIENCE

Full-Stack Developer — Evolve Payroll & HR (Remote)

[Github](#) | [Live site](#) | [Collaboration](#)

Oct 2025 – Jan 2026

Contributed to the development of a cloud-based Payroll & HR SaaS platform supporting SMEs with up to 500 employees.

- Built payroll processing engine handling Kenyan statutory deductions (PAYE, NSSF, SHIF, Housing Levy), allowances, and automated salary adjustments.
- Designed employee management and role-based access systems, improving HR workflow efficiency and data organization.
- Implemented salary advance request and repayment workflows integrated directly into payroll calculations and payslip generation.
- Integrated M-Pesa and bank transfer payment workflows for salary disbursement and reconciliation tracking.
- Developed secure REST APIs and responsive dashboards using Laravel and React, enabling real-time payroll processing and reporting.
- Collaborated in an agile multi-developer environment using GitHub, contributing to accelerated sprint delivery timelines.

Technologies: Laravel, React, PostgreSQL, JWT, Flutter, Git

Freelance Full-Stack Developer — BRS Holding (Remote)

[GitHub](#)

May 2025 – Jun 2025

- Customized and deployed an AI content SaaS platform integrating Claude via OpenRouter API to replace the default AI provider.
- Designed a usage-based credit system with daily quotas and feature locking to drive user upgrades and monetization.

- Integrated Stripe subscription billing with multi-tier plans (Free, Pro, Team) and automated usage tracking.
- Implemented secure authentication and session management using Supabase and Stack Auth.
- Deployed and configured production infrastructure on Ubuntu server, managing environment security and deployment workflows.

Technologies: React, Node ecosystem, Supabase, Stripe, Linux, OpenRouter API

Full-Stack Developer Intern — Moringa School

Jun 2024 – Dec 2024

- Developed multiple full-stack applications using Flask and React, focusing on API design and database optimization.
 - Improved application responsiveness by 25% through schema optimization and efficient API integration.
 - Collaborated in team projects, improving delivery timelines by approximately 30% through workflow improvements.
 - Conducted peer code reviews to enhance code quality and maintainability.
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TECH PROJECTS

SME Management SaaS Platform — Collaboration Project

[Quick Demo](#) | [GitHub](#) | [Live Site](#) | [Collaboration](#)

2026 – Present

Designed and built a multi-tenant SaaS platform enabling SMEs to manage sales, inventory, and customer credit in real time.

- Implemented organization-scoped data architecture allowing multiple businesses to operate securely within a single platform.

- Built a sales processing system with automatic stock deduction, debtor tracking, and staff performance attribution.
- Integrated asynchronous background processing using **Celery** and **Redis** to handle external operations such as invoice transmission and heavy processing without blocking user requests.
- Developed backend APIs using **Flask** and **SQLAlchemy** to support sales, inventory, and reporting modules.
- Implemented compliance-ready architecture for transmitting invoices to the **Kenya Revenue Authority** via the Electronic Tax Invoice Management System (eTIMS) API.
- Built a mobile-first interface using **React** optimized for fast daily workflows for business owners and staff.
- Delivered reporting tools including sales summaries, profit estimates, and inventory insights for decision making.

Technologies: Flask, React, PostgreSQL, SQLAlchemy, Celery, Redis, JWT, Vercel, Render

Real Estate AI Voice Agent

[Quick Demo](#) | [GitHub](#)

- Built a real-time AI voice assistant integrating Twilio WebSockets and Deepgram speech-to-text for property inquiry automation.
- Developed a WebSocket server to process live audio streams and trigger domain-specific function calls.
- Implemented modular architecture supporting future automation workflows and integrations.

Technologies: Python, WebSockets, Deepgram, Twilio, Ngrok

Hospital Management System

[GitHub](#) | [Live site](#) | [Figma Prototype](#)

- Developed a full-stack healthcare dashboard to manage patients, billing, appointments, and inventory operations.
- Implemented role-based authentication and secure medical record management.
- Built analytics dashboards with revenue tracking and operational insights.

Technologies: Flask, React, PostgreSQL, Supabase

Client Portfolio Website

[GitHub](#) | [Live site](#)

- Built responsive portfolio website with SEO optimization including structured data and sitemap implementation.
- Improved search visibility and client discoverability through technical SEO best practices.

Technologies: JavaScript, HTML, CSS

EDUCATION

Moringa School

Full-Stack Software Engineering Program

Jun 2024 – Dec 2024

ACHIEVEMENTS

- Delivered multiple production-ready full-stack applications across SaaS, AI, and business domains.
- Improved application performance and team delivery efficiency through optimization and collaboration.
- Demonstrated ability to independently design and deploy scalable systems solving real-world business problems.

