

Henry Maslan Iddirisu

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🔗 Portfolio 🏠 GitLab

PROFILE

Software Engineer with 4+ years of experience building production web and AI-enabled systems with Python, TypeScript/React, PHP, and Node.js. Experienced in LLM integrations, AI phone agents, SaaS and e-learning platforms, global payments, and end-to-end CI/CD. Strong full-stack background focused on scalable architecture, automation, developer experience, and reliable product delivery.

SKILLS

Backend: Python · Flask · PHP · Node.js · REST APIs

Frontend: React · Next.js · TypeScript · JavaScript · Tailwind CSS · Redux · jQuery · DevExtreme

AI & Integrations: LLM Integration · AI Phone Agents · AI-enabled Workflows · Stripe · Klarna · Alma

Data & DevOps: PostgreSQL · NeonDB · Supabase · MongoDB · SQL · Docker · GitLab CI/CD · Git/GitHub/GitLab

Practices: Testing & QA · Performance Optimisation · Security Hardening · Agile/Scrum · SEO

PROFESSIONAL EXPERIENCE

Software Engineer

Jan 2025 – present

EasypeasyFluent Switzerland 🔗

- Build and scale a real time e-learning platform serving 20,000+ active users across five languages using React/TypeScript and Python.
- Develop end-to-end student, tutor, and admin features including multi-role access, course delivery, live interactions, and dashboards.
- Implement AI-powered learning and tutor-student matching features that reduce manual administrative work.
- Integrated Stripe, Klarna, and Alma for multi-currency subscriptions and instalment payments; improved acquisition through SEO, structured data, and Core Web Vitals optimization.

Software Engineer

Jul 2024 – present

Dubtel LTD 🔗

- Built Python backend services powering AI-driven phone agents for customer outreach and support workflows in tax, property management, and healthcare.
- Led React/TypeScript frontend development for Dubtel AI customer-facing applications, dashboards, trial flows, and integration showcases.
- Led full-stack development of Mango Capital, integrating exchange accounts, trading activity, order history, pricing data, and payouts.
- Owned Mango Capital CI/CD end-to-end using GitLab CI and Docker while contributing across frontend and backend development.
- Improved WordPress/PHP applications through security hardening, performance profiling, testing, responsive development, SEO, and lead-capture workflows.

Software Developer (FrontEnd Developer)

Oct 2023 – Nov 2024

Innorik Ghana Ltd

Accra, Ghana

- Developed enterprise resource planning applications with React and TypeScript.
- Built responsive business application interfaces with a focus on maintainability and usability.

Undergraduate Internship (FrontEnd Developer)

Ghana Audit Service

- Collaborated with the IT team on responsive web applications, including an application portal for prospective job candidates.

Apr 2022 – Oct 2022
Accra, Ghana

RESEARCH EXPERIENCE

Project Executed : Online Transport Booking System For Vip Jeon Buses

Accra, Ghana

University of Professional Studies || SUPERVISOR: DR. DICKSON KEDDY WORNYO.

Designed and built an online booking platform for VIP Jeon Transport as a university research project, covering requirements gathering, system architecture, UI/UX design, and testing. Focused on optimizing the booking workflow for efficiency and scalability, incorporating user feedback through iterative testing cycles.

EDUCATION

University of Professional Studies

Aug 2019 – Jun 2023
Accra, Ghana

Bachelor of Science in Information Technology

Relevant coursework: Web Development · Computer Networks and Security · Databases · Business Automation

ST. Johns Grammar Secondary School

Oct 2015 – May 2018
Accra, Ghana

WASCE

Business