

ABRAHAM DENIS OMONGOLE

Senior Software Developer | Full-Stack Development | AI Solutions

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SUMMARY

Senior Software Developer with 5+ years of full-stack experience building and integrating web applications, payment systems, and APIs. Proficient in PHP, Laravel, Symfony, JavaScript, MySQL, and Python. Strong background in rapid prototyping, vendor integrations, technical documentation, and cross-functional team collaboration. Committed to delivering secure, well-documented software that solves real business problems.

EXPERIENCE

Backend Developer

Horus Music Limited

Jan 2025 - Present | Remote

- Build and maintain PHP/Symfony backend services, handling third-party store integrations and partner API interfaces.
- Develop ClickHouse analytics pipelines integrating the Apple Music Analytics API for product reporting.
- Produce technical documentation, QA test guides, and conduct structured code reviews to enforce standards.

Lead Software Developer

LOGOS Cloud Edge Limited

Mar 2025 - Present | Kampala, Uganda

- Architect and deploy full-stack applications using React.js, Node.js, and Laravel with PostgreSQL and MySQL.
- Design AI-powered agents for workflow automation, improving operational efficiency by 30%.
- Lead code reviews, define technical architecture, and mentor development team members.

Full Stack Developer

Finablr EFL

Oct 2024 - Mar 2025

- Engineered web-based lending platforms using React.js and Laravel/PHP with payment gateway and banking API integrations.
- Implemented security best practices for financial data handling across web applications.
- Led microservices transformation and reduced page load times by 35% through application optimisation.

Software Developer

Streamline Health Tech

Dec 2023 - May 2024

- Enhanced EMR systems with LIMS integrations, producing technical and user documentation per WHO standards.
- Designed RESTful APIs enabling data exchange between clinical modules and partner systems.

IT Support & Systems Administrator

Community First Uganda

Apr 2021 - Mar 2023

- Managed Linux/Windows server infrastructure, performed routine support and bug-fixing of web applications.
- Trained 100+ users on digital systems and provided hands-on troubleshooting support.

EDUCATION

Professional Certificate in Software Engineering

Aptech Computer Education Uganda | Kampala, Uganda

PROJECTS

Aristoc Booklex | [aristocbooklex.com](#)

Full e-commerce platform with product catalogue, cart, checkout and order management.

Tech: React, Laravel, MySQL.

SCOW - Property & Wealth Management

SaaS for Schroeder Co-Worker Limited covering property management, tenant tracking and wealth dashboards. Tech: Laravel, React, MySQL.

SPE Taxi - Transport Management

Airport taxi booking platform with realtime dashboards. Reduced booking errors by 60%.

Tech: React, Laravel, MySQL.

Sign Engineering Web App

Field operations tool with geo-tagging validation. 95% reduction in false reporting. Tech:

React, Node.js, MongoDB.

Digital Skills Assessment Platform

AI-powered e-learning platform with automated grading. Reduced training workload by

75%. Tech: React, Laravel.

DraftLoom - AI Writing Assistant (Hackathon)

Chrome extension with FERPA compliance scanning and local AI processing for privacy.

Tech: Chrome Built-in AI.

EcoNavigator - Carbon Footprint AI (Hackathon)

Multi-agent AI for personalised carbon analysis. Tech: Multi-Agent, LangChain.

Daedalus - Mirror World Instructor (Hackathon)

AI-powered AR instructor with graphical overlay for physical task training. Tech: Computer

Vision, AR.

CERTIFICATIONS

5-Day AI Agents Intensive Course

Kaggle & Google - Dec 2025

AI For Developers II

ALX Africa - Sept 2025

AI Career Essentials

ALX Africa - Aug 2024

JS Algorithms & Data Structures

freeCodeCamp

SKILLS

PHP JavaScript TypeScript Python React.js Node.js Laravel Symfony Django FastAPI

MySQL PostgreSQL MongoDB ClickHouse

AI/ML:

LLM Integration, Prompt Engineering, AI Agents, LangChain, NLP, Model Evaluation

Tools:

Power Apps, Power Automate, Docker, Git, CI/CD, AWS, Azure, Linux, Windows

PASSIONS

AI Innovation Enthusiast

Building intelligent agents and exploring LLM applications to solve real-world problems.