

WILLIAM SAAH NKANSAH ODOOM

Software & AI Engineer | Full-Stack Developer

Accra, Ghana | +233 591687410 | willizberc225@gmail.com

[GitHub](#) | [LinkedIn](#) | <https://williamodoom.com>

Professional Summary

Software Engineer with experience designing and developing scalable web, mobile, and business management systems across logistics, education, workforce management, travel services, contract management, and property management. Skilled in full-stack development using Django, NestJS, Next.js, PostgreSQL, and modern cloud infrastructure. Passionate about transforming complex business processes into intuitive digital solutions that improve operational efficiency and user experience.

Key Achievements

- Built software solutions across logistics, education, workforce management, contract management, travel services, and property management industries.
- Served as Software Engineer for a production-ready Learning Management System.
- Developed and deployed SaaS applications on Linux VPS infrastructure using Nginx, Unicorn, Redis, and PostgreSQL.
- Experienced in web, backend, mobile application development, and systems architecture.

Technical Skills

Programming Languages: Python, TypeScript, JavaScript, Dart, PHP, Java

Frontend: React, Next.js, Tailwind CSS, HTML, CSS

Backend: Django, NestJS, Express.js, Node.js

Mobile: React Native, Flutter

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Supabase

Infrastructure & Tools: Linux, AWS, Azure, Docker, Git, Nginx, Redis, Unicorn, VS Code, Jira, Trello

Professional Experience

Software Developer – ThinkTech (Oct 2024 – Present)

- Develop and maintain business-critical web applications across logistics, property management, and contract management domains.
- Build scalable backend services and APIs using modern web technologies.
- Optimize application performance, database queries, and deployment workflows.
- Collaborate with designers, project managers, and stakeholders to deliver production-ready software solutions.

Intern Software Developer – ThinkTech (Sep 2023 – Dec 2023)

- Assisted in building APIs and backend services.
- Conducted debugging, testing, and quality assurance activities.
- Contributed to team-based software development projects.

Leadership & Product Experience

Software Engineer – Serendipity Trading University (STU)

Software Engineer & Mobile App Development Lead – EASEA GH

Featured Project: Serendipity Trading University (STU)

- Designed and developed a production-ready Learning Management System for financial and trading education.
- Built authentication, subscriptions, payments, certificates, analytics, and student progress tracking systems.
- Configured secure VPS deployment using Ubuntu, Nginx, Gunicorn, Redis, SSL, and Linux infrastructure.
- Implemented scalable backend architecture and responsive user interfaces.

Selected Projects

- Ziplink Express – Logistics management platform for parcel delivery, rider operations, and tracking workflows.
- KNK Employee Management System – Workforce management platform for attendance, payroll, and assignments.
- Coordinio – Project and workspace management platform.
- EASEA GH – Travel assistance and customer service platform.
- Jigsaw – Contract management and workflow platform.
- Long Key Shores – Property management system.
- Pexfin – Personal finance mobile application.

Education

Higher National Diploma (HND) in Computer Science
Kumasi Technical University (2022–2024)

Certifications

- IBM Building AI Agents and Agentic Workflows (Ongoing)
- IBM Full Stack Software Developer (Ongoing)
- Microsoft AI Agents: From Foundations to Applications (Ongoing)
- Microsoft IT Support Specialist Professional (Almost Done)
- API Testing with Postman: From Beginner to Advanced (Completed)