

METHUSELAH NWODOBEH

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PROFESSIONAL SUMMARY

Full-Stack Developer with 3+ years of experience building scalable, user-centered applications.

Strong backend expertise in Java (Spring Boot) and Python (Django, FastAPI), with solid frontend skills in React and Next.js.

Experienced in microservices, real-time data pipelines, web scraping, and cloud (AWS).

I'm passionate about building products that solve real problems. Having personally faced challenges with renting apartments in Ghana, I care deeply about creating platforms that improve trust and make the search process easier.

Adept at building from the ground up, mentoring juniors, and shipping impactful features.

EDUCATION

Cape Coast Technical University

October 2022

Electrical Engineering

- **Specialization:** Instrumentation and Control Systems Engineering
- Digital Computer Design, Computer Operating Systems

RELEVANT EXPERIENCE

Amalitech Ghana

Dec 2024 - August 2025

Associate Software Developer

- Led a team to build a Pull Request Reviewer tool with a dashboard for analytics, using FastAPI and Vanilla JS + Jinja templates improving the code quality of projects in the company .
- Worked in a team to build a diagram generation service using Spring Boot as the backend.
- Led the backend team to improve development processes for better documentation and code maintainability.
- Mentored 4 developers on backend development and best practices.
- **Hackathon Winner:** Built BogoSort AI, a VS Code extension enabling natural language code search using AI and Tree-Sitter for language parsing.
- Acted as a consultant to assist other teams in the company in integrating our services in their projects
- Built a realtime collaboration system, and analytics for an AI based video advertisement creation platform

Amalitech Ghana

Oct 2023 - Dec 2024

Junior Associate Software Developer

- Contributed to in-vehicle infotainment system using Java 8, SVN, XML, and Python for integration testing.
- Developed integration tests and resolved critical bugs, ensuring system reliability.
- Occasionally led stand-ups and facilitated team progress.
- Built a test-taking platform with a microservice architecture using Java 17, Spring Boot, PostgreSQL, Node.js, DynamoDB, Redis, and Angular.
- Developed an AI-based code analysis tool (bug prediction, documentation generation) using Python, FastAPI, and Tree-Sitter.
- Built an AI-based quiz bot for developers with Java 21, Spring Boot, Redis, and PostgreSQL.

National Service Software Developer

- Built an image search engine with Django, PostgreSQL, Redis, and React; integrated Scrapy for web scraping and Celery + Redis for task scheduling.
- Worked with Devops to setup monitoring with Prometheus and Grafana, improving error reaction time.

SKILLS

Certification: AWS Cloud Practitioner

Programming Languages: Python, Java, JavaScript/TypeScript, SQL

Frameworks: Spring Boot, Django, FastAPI, React, Nextjs, Nodejs

Cloud Platform: AWS, Vercel

Containerization: Docker

CI/CD: GitHub Actions

Monitoring: Prometheus, Grafana, Sentry

Version Control: Git, GitHub

API Testing: Postman

OTHERS: Supabase, Firebase, Linux (Ubuntu)

Language: English

RELEVANT PROJECTS**Versa-Learn**

- **Live URL:** <https://versa-learn.com>
- An AI-Based online learning platform that offers personalized learning experiences
 - **Key Features:**
 - AI-generated quizzes and summaries for each learning module
 - Personalized learning paths based on user preferences and performance
 - Progress tracking and analytics to monitor learning outcomes
 - Community features such as discussion forums and peer reviews
 - Integration with third-party tools and platforms for enhanced learning experiences

Savior Children Foundation Website

- **GitHub:** <https://github.com/ProfessorBlackman/orphanage-website>
- **Live URL:** <https://www.saviorchildrenfoundation.org/>
- A website for a non-profit organization focused on child welfare
- **Key Features:**
 - Integrated Typeform forms for volunteer sign-ups and donations
 - Automated donations

WebWizard Insights

- **GitHub:** <https://github.com/ProfessorBlackman/web-wizard-insights>
- **Live URL:** <https://web-wizard-insights.vercel.app/>
- A tool that analyzes and provides website metrics
- **Key Features:**
 - Measure website performance
 - Check website accessibility
 - Check website responsiveness