

DZAH SOLOMON

✦ dzahsolomon@gmail.com ✦ <https://github.com/ZiglaCity> ✦ (+233) 59 219 4480 ✦ <https://linkedin.com/in/ziglacity> ✦ <https://ziglacity.github.io/portfolio>

EDUCATION

University of Ghana, Legon
Degrees: BSc. Computer Science

Expected graduation date: July 2027
GPA: 3.8 / 4.0

SUMMARY

Backend Engineer passionate about solving complex problems at scale. Skilled in building secure, distributed, and data-driven systems and AI-powered tools. Strong foundation in algorithms, system design, and deployment, with experience leading projects from architecture to production.

SKILLS

- **Programming languages:** Python, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** Node.js, Express, FastAPI, React, Prisma, Tailwind CSS
- **Development Tools:** Git/GitHub, VSCode, Docker, PostgreSQL, Redis, Linux
- **Concepts & Techniques:** OOP, API Design, System Design, DevOps (CI/CD), Caching

EXPERIENCE

MerryLow (Campus Food Delivery) - Accra, Ghana

<https://merrylow.com>

Backend Engineer, November 2024 - present

Node, Express, PostgreSQL, Prisma, Redis

- Designed & deployed REST APIs powering **20+** daily transactions and orders with **99.9%** uptime.
- Optimized PostgreSQL schema & queries, improving response times by **35%**.
- Implemented Redis caching, reducing latency by **50%** during high traffic.
- Automated deployments with GitHub Actions, cutting release cycles by **40%**.

A2SV (Africa to Silicon Valley) - Accra, Ghana

<https://a2sv.org/>

Software Engineering Fellow, January 2025 - present

- Solved **200+** advanced algorithm problems in Python & JavaScript.
- Collaborated on team projects emphasizing scalable system design & clean architecture.
- Gained expertise in DSA, problem-solving, and production-grade development.

PROJECTS

SafestCode | React, Typescript, Nodejs, Express, Python, AI

<https://github.com/ZiglaCity/SafestCode>

- Built an AI-powered code analysis tool supporting **3+** languages, detecting **90%** of common security flaws in under **2 seconds** per scan.
- Designed modular architecture and interactive UI with real-time scanning and automated fix suggestions, improving developer efficiency by **30%**.

ProxyPhish | Javascript, React, Nodejs, Express

<https://github.com/ZiglaCity/ProxyPhish>

- Developed phishing detection system with URL pattern analysis & risk scoring, identifying malicious links with **95% accuracy**.
- Built responsive UI for real-time reports and threat visualization, enhancing security awareness for users.

Crop Doc - Team Project | FastAPI, Supabase, AI

<https://github.com/ZiglaCity/crop-doc>

- Developed backend for an AI-powered crop disease detection app processing **100+ scans daily**.
- Built image analysis pipeline with FastAPI and AI inference, reducing diagnosis time from minutes to seconds.

EXTRACURRICULARS & LEADERSHIP

- **Clubs:** A2SV (Africa to Silicon Valley) – Advanced algorithms, team projects, and engineering excellence.
- **Interests:** Building Scalable Systems & Secure Architectures, AI & Intelligent Automation, Cybersecurity Awareness & Ethical Hacking, Open Source Development, Late-Night Coding & Personal Projects, Chess, Music Production, Freestyle Football, Skating