ABDULLAI GUBLI SITOBU

Software Engineer and aspiring AI/ML Engineer
Kumasi, Ghana | +233 50 317 7216 | gsitobu@gmail.com
Portfolio | LinkedIn | GitHub

PROFILE

I'm a final-year Computer Science student at KNUST, and I build web software end to end, from architecture and interface to production. I won first place at the inaugural Cursor Hackathon Ghana in 2026, and I've worked on React and Next.js frontends and Moleculer.js microservices at SilverRock Technologies, plus a platforms internship at Npontu Technologies. I've delivered 15+ client partnerships and have been building software since 2020. I start every system from the user's journey, and I'm building toward a career in AI/ML engineering. I'm open to full-time roles and selective freelance work.

EXPERIENCE

Platforms Developer Intern **Sep 2026 - Oct 2026**
Npontu Technologies | Hybrid

- Joined the platforms team, working on the services and tooling that Npontu's products run on.
- Learned how production platforms are built, deployed and kept reliable.

Part-Time Developer **Dec 2025 - Present**
SilverRock Technologies

- Retained after the internship to deliver client projects alongside full-time studies.
- Build production React frontends from Figma designs to pixel-accurate handoff standards.
- Develop Moleculer.js microservices on the backend, including the ElysiumTours backend.

Full-Stack Developer Intern **Sep 2025 - Nov 2025**
SilverRock Technologies

- Worked across Moleculer.js backend services and React frontends on concurrent client projects, covering API integration, data handling and admin tooling.
- Collaborated with designers and senior engineers, and was retained as a part-time developer when the internship ended.

Partner **2025 - Present**
Inovalink, a student-founded software and creative agency

- Co-built Inovalink with a team of fellow students, and own full-stack delivery for client work, from frontend architecture and component systems to backend services and databases.
- Built the company website and team dashboard, with a chat assistant that answers visitors at any time. Case study

SELECTED PROJECTS

SignBridge Ghana | First place, Cursor Hackathon Ghana

- Built, with a team, a real-time Ghanaian Sign Language translator that runs in the browser and speaks the recognised sign aloud in English, Twi, Ga or Ewe.

AKAYU Construction | Next.js, TypeScript, Sanity Case study

- Built a website for a construction and architecture company around one idea: a drawing turning into a building.

MASZ Africa | Next.js, GSAP Case study

- Built a website for a mining supplier, with a chat assistant that answers buyers' product questions from the company's own product knowledge.

Krafty Koncepts Case study

- Built a website for a video and motion design studio, with a portfolio and a free resource library.

GreenGo | Connected hardware and mobile app Case study

- Built a device that checks a farm's soil and waters the plants, with an app to watch and control it from anywhere.

Traffic Optimization Using Linear Algebra | Research

- Applied eigenvalue and eigenvector decomposition with a research team to model urban traffic flow, and proposed a mathematical framework for reducing congestion through data-driven analysis and simulation.

ACHIEVEMENTS AND AWARDS

First Place, Cursor Hackathon Ghana **March 2026**
Cursor Ghana Community, KNUST, Kumasi

- Won the inaugural edition against 30+ teams with SignBridge Ghana.

First Runner-Up, Vacation CUBE Challenge **March 2025**
CUBE Board, Department of Computer Science, KNUST

EDUCATION

Kwame Nkrumah University of Science and Technology (KNUST) **Expected September 2027**
BSc. Computer Science, final year | Kumasi, Ghana

Mfantsipim School **2021 - 2023**
W.A.S.S.C.E (General Science) | Cape Coast, Ghana

SKILLS

- **Frontend:** React, Next.js, React Native, Vue, TypeScript, JavaScript, Tailwind CSS, HTML, CSS, Figma
- **Backend and databases:** Node.js, Moleculer.js, Express, Laravel with Inertia, Prisma, PostgreSQL, MongoDB, SQL
- **Languages:** JavaScript, TypeScript, Java, Python, with working knowledge of Spring Boot and C++ for embedded development
- **Content management:** Sanity, WordPress
- **Workflow and delivery:** Git, GitHub, Docker, Vercel, ClickUp, Git-based pipelines from commit to production
- **AI:** AI-assisted development with Claude and Cursor, RAG-based chat assistants

LEADERSHIP AND ACTIVITIES

Project Manager, SwiftMart Mobile App Team **May 2025 - Jul 2025**
Department of Computer Science, KNUST

- Led a cross-functional team through designing and building a mobile app for a second-year course project, using ClickUp for planning and Figma for UI/UX.
- Owned task delegation, coordination and progress tracking to keep feature delivery on schedule.

Member, Research Team **Jan 2025 - Sep 2025**
Computer Science Society, KNUST

- Took part in group studies, brainstorming sessions and research initiatives on emerging technologies.

TRAINING AND CERTIFICATIONS

Web and Mobile Development Bootcamp | Zaptek **Jan 2024 - May 2024**

AI-Augmented Development Skills | ALX Africa **May 2024 - Jul 2024**

INTERESTS

Lawn tennis, played regularly for fitness and focus alongside study and work.