

PROSPER OSSAIKU

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EDUCATION & TRAINING

Bachelor of Engineering in Geomatics Engineering, University of Benin.

Expected Grad. 2029

SKILLS/TECHNOLOGIES

Technical: Python, FastAPI, Django, Flask, SQLite, MySQL, JavaScript, HTML & CSS, Agentic AI, Generative AI (RAG, OCR), Pandas, NumPy, Git & GitHub, Deployment.

Soft Skills: Technical Leadership, Agile Methodology, Cross-functional Communication, Time Management.

EXPERIENCE

Skill-Based Backend Engineering Team Lead (Team 6) - [Cowrywise](#)

Mar 2026 - Present

- Engineered and shipped 3+ lightweight microservices and external API integrations using FastAPI, optimizing data retrieval and backend communication.
- Spearheaded a specialized cohort of developers in backend architecture, overseeing project deliverables, and resolving technical blockers to ensure consistent code output.
- Acted as the primary technical liaison, providing regular milestone updates and aligning technical execution with project goals.

Engineering Team Lead - [Programmify Internship Program \(PIP4\)](#)

Oct 2025 - Dec 2025

- Directed an engineering team through weekly challenges and intensive "Build Weeks," focusing on rapid prototyping, creative problem-solving, and collaborative development.
- Ensured consistent team communication across platforms, to maintain active engagements and reduce unresponsiveness

Lead Developer - [Fincom](#)

Mar 2025 – Present

- Led the development of a finance tracker, implementing authentication and data analytics modules; enhanced user data insights and security.
- Equipped system with a fallback AI chatbot for personalized financial recommendations.
- Eliminated server latency problems, speeding up load times by 30%, and made the system fully responsive and accessible across all devices through a successful deployment lifecycle.

Python & Machine Learning Trainee – [Yomi Denzel Foundation](#)

Aug 2024 – Feb 2025

- Contributed to multiple projects from simple calculators to mini games to predictive machine learning. Assisted peers in debugging and reviewing code, fostering team productivity and increasing efficiency by 40%.
- Cleaned, standardized, and analyzed large datasets using Pandas and NumPy, automating key data processes to save analysis time and reduce manual errors by 60%.

PROJECTS

Giscopo - Automated Exam Report Application | [Link](#)

- Architected and deployed a web application that connects to Google API, takes satellite images of specified places and generates personalized academic reports.
- Managed end-to-end development from database design to production hosting.

Fincom - Finance Tracking System | [Link](#)

- Led the architecture of a secure finance tracking platform implementing scalable authentication.
- Integrated OpenAI APIs to as fallback for the chatbot capable of delivering financial insights and personalized business recommendations

DocuAIMind - AI-Powered Document Intelligence Platform | [Link](#)

- Engineered a secure, client-side authenticated chatbot utilizing dynamic API key validation (BYOK architecture)
- Integrated advanced document parsing and retrieval pipelines (RAG) to enable seamless file uploads, OCR scanning, and context-aware chat, directly leveraging Google AI/OpenAI architectures.

LEADERSHIP, ACHIEVEMENTS & EXTRACURRICULAR

Alumni - Aspire Leaders Program (Harvard Collaboration Cohort)

May 2026 – Jun 2026

- Successfully completed a global leadership program, engaging with global peers and Harvard faculty on advanced leadership frameworks.

Campus Director - Hult Prize, University of Benin

Oct 2025 – Jun 2026

- Award:** Received the Young Impact Leader Award at the Hult Prize Nationals (May 2026)
- Directed campus-wide innovation initiatives and managed the organizing committee to foster social entrepreneurship.
- Organized high-profile technical and pitch sessions, mediating between stakeholders and mentors.