

ALVINE MARANGA ONSONGO

Phone: +254700342734 | Email: onsongoalvin@gmail.com | Location: Nairobi, Kenya | Available for Remote Opportunities

PROFILE

Reliable and self-motivated Computer Science undergraduate with proven skill set to offer software solutions in web development, data science, and cybersecurity domains. Experienced in creating full-stack applications, automating data analytics pipelines, and architecting systems with security-first approach. Seasoned in remote collaboration, agile development, and async communication — actively seeking entry-level or junior software engineer roles (remote or hybrid) with high-growth companies.

EDUCATION

Bachelor of Science in Computer Science

Kisii University

Expected Graduation: December 2027

Core skills achieved:

- Secure Software Development: Applied cryptography, ethical hacking, and access control to projects using Python & Django.
- Full-Stack Web Engineering: Built data-driven web applications using Django, JavaScript, React, and SQL-based databases.
- Systems Thinking: Applied software design patterns, object-oriented programming, and systems modeling for scalable architecture.
- Agile Teamwork: Practicing experience in SDLC, team communication, and version control processes (Git/GitHub) under Agile and Waterfall.

TECHNICAL PROJECTS

📌 Insights – AI-Thinking Assistant (Obsidian Plugin)

Streamlined note-taking by adding OpenAI API to augment human ideation and thought.

Technologies: TypeScript, OpenAI API, SQLite

📌 Grade Analyzer – Student Performance Analytics Platform

Developed a full-stack web app for visualizing data of grades and generating actionable insights for students.

Technologies: Python, Django, SQLite, Plotly, NumPy, Seaborn, Matplotlib

📌 File Canvas – File Explorer Alternative

Desktop file manager that groups files by category and type, with tagging and smart grouping.

Technologies: Rust, React, SQLite

TECHNICAL SKILLS

Programming languages: Python, JavaScript, Rust, Java

Frameworks/Tools: Django, React, SQLite, Git, MongoDB, MySQL

Skills: REST APIs, Data Analysis, Secure Coding, UI/UX Design, Agile Collaboration

Soft Skills: Asynchronous Communication, Critical Thinking, Time Management, Adaptability

CERTIFICATIONS

Cybersecurity Certificate – IBM

Google Data Analytics Fundamentals – Coursera

Software Engineering Virtual Internship – Safaricom Digital Academy

Huawei Certified Network Associate (HCNA) – Huawei

LANGUAGES

English – Professional Proficiency

Swahili – Native

AVAILABILITY

Available for full-time, part-time, or freelance software engineer roles — hybrid or remote-first. Prepared for immediate hire and async team workflows (GitHub, Slack, Jira, Notion, etc.).