SELASI BANSA

Software Engineer and Cybersecurity Specialist

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SUMMARY

Information Technology student working across software engineering, cybersecurity and creative digital design, with hands-on work in mobile and web applications, security operations and virtualized labs. Develops and manages the Tezayarena online store for the Yaré streetwear brand and builds custom PCs.

EXPERIENCE

Cybersecurity and IT Security

Practical rotation

Ecobank Ghana

- Gained exposure to Security Operations Center monitoring and security operations.
- Worked with Security Incident Response Team workflows, vulnerability management and enterprise patch management.
- Relevant tools: Wazuh, Rapid7 InsightVM, Cisco AnyConnect and OpenDNS.

PROJECTS

Tezayarena

E-commerce platform

The online store for the Yaré streetwear brand, which I develop and manage. Full-stack work includes authentication, a product catalog and management, e-commerce functionality, deployment and ongoing live-site management.

Technology Used: Next.js, TypeScript, Prisma, PostgreSQL, Neon DB, NextAuth, Vercel.

Great School

School management system

A Django web application and API with a Flutter client for student records, fees, attendance, scores, report cards and timetable workflows.

Technology Used: Python, Django, Django REST Framework, PostgreSQL, SQLite, Flutter, Dart, ReportLab.

STG

Social platform and game

A creator-support platform with fundraising campaigns, a social game set in Accra and community features.

Technology Used: React, TypeScript, Vite, Express, Prisma, PostgreSQL, Redis, Auth.js, LiveKit.

Cybersecurity home lab

Security and infrastructure

A virtualized environment for practising security monitoring, vulnerability assessment, endpoint visibility and enterprise infrastructure security.

Technology Used: Wazuh SIEM, Rapid7 InsightVM, Active Directory, Sysmon, VirtualBox, VMware, Metasploitable 2.

Latin Roots

Cross-platform application

A cross-platform application project supported by a Laravel backend, exploring application architecture, API integration, database management and containerized development environments.

Technology Used: Flutter, Dart, Laravel, PostgreSQL, Redis, Docker.

SKILLS

- **Software engineering:** Flutter, Dart, React Native, Expo, Next.js, TypeScript, Laravel, Python, Java, Django, Express.
- **Backend and databases:** Prisma, PostgreSQL, Neon DB, Redis, Django REST Framework.
- **Cybersecurity and infrastructure:** Wazuh SIEM, Rapid7 InsightVM, Active Directory, Sysmon, VirtualBox, VMware, Metasploitable 2.
- **Development tools:** Visual Studio Code, GitHub, Git CLI, GitHub Copilot, Obsidian and Model Context Protocol.
- **Hardware:** Custom PC building.
- **Creative:** Adobe Premiere Pro, Lumetri colour grading, LUT management, Adobe Photoshop, logo and identity design.

EDUCATION

Information Technology — Current student

Ghana Communication Technology University

ADDITIONAL WORK

Yaré — Website management

Streetwear brand

- Manage the website for Yaré, a streetwear brand.

Creative design — Digital design

- Work on video colour grading, visual identity and graphic design in Adobe Premiere Pro and Photoshop.

CONTACT

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