

ABSLOM ORIANGA

Software Developer — Cybersecurity & DevOps

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Portfolio: absolom-orianga.vercel.app

Summary

Software Developer with a First Class Honours degree in Computer Science and practical experience building secure, scalable and maintainable software systems. Experienced in full-stack web development using React.js, Node.js, Python, Django and FastAPI, with additional expertise in cybersecurity, networking, DevOps, Data Science and Machine Learning.

Experienced in developing RESTful APIs, database-driven applications, containerised services and security-focused solutions. Strong interest in secure software engineering, cloud technologies, automation and AI-powered applications.

Experience

Software & Cybersecurity Officer Jun 2026 – Present

Logos Cloud Edge Technologies Kampala, Uganda

- Develop and maintain full-stack web applications using React, Node.js and Python.
- Contribute to security-focused software development and secure application architecture.
- Containerise applications and services using Docker and support CI/CD-based deployment workflows.
- Assist with infrastructure, cloud and system security initiatives across software projects.

Software Developer Apr 2026 – Present

Sandi AI Technologies LTD Kampala, Uganda

- Develop AI-powered mobile application solutions using React Native and modern backend technologies.
- Build reusable frontend components and responsive application interfaces.
- Integrate frontend applications with backend APIs and third-party services.
- Test, debug and optimise application functionality and performance.

Cybersecurity Intern Mar 2026 – Apr 2026

Redynox Kampala, Uganda

- Conducted threat intelligence and security analysis activities.
- Performed vulnerability analysis and explored web application security concepts.
- Worked with cloud infrastructure, networking and security protocols.
- Developed practical experience in security assessment and defensive security practices.

ICT Intern May 2025 – Aug 2025

University ICT Services, Uganda Christian University Mukono, Uganda

- Supported campus network infrastructure, troubleshooting and system administration.
- Configured and maintained on-premises and virtual servers.

- Supported secure cloud solutions and institutional information systems.
- Contributed to development and improvement of internal software applications.

Education

Bachelor of Science in Computer Science

First Class Honours

Uganda Christian University, Mukono

September 2023 – April 2026

Selected Projects

Vanguard – Network Intrusion Detection System

Python — FastAPI — React

- Project Lead and Backend Developer for a network intrusion detection system focused on identifying malicious traffic.
- Implemented network traffic processing and machine-learning based detection using Python and FastAPI.
- Integrated React dashboards and WebSocket-based security alerts for real-time monitoring.

Smart Academic Performance Monitor Full Stack — Analytics

- Developed a database-driven platform for monitoring, analysing and visualising student academic performance.

Finance Tracker JavaScript — Charts — Web

- Developed a personal finance application for tracking income, expenses and financial activity.

CinQuest – Movie Discovery Platform TypeScript — React — APIs

- Built a responsive movie discovery application using TypeScript, React and external APIs.

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, HTML5, CSS3

Frontend: React.js, React Native, Tailwind CSS

Backend: Node.js, Express.js, Django, FastAPI

APIs: REST APIs, API Integration, Authentication, WebSockets

Databases: PostgreSQL, MySQL, SQL

Cloud: AWS, Microsoft Azure, Cloud Infrastructure

DevOps: Docker, Kubernetes, CI/CD, Linux

Security: Network Security, Application Security, Vulnerability Analysis, Threat Intelligence, Endpoint Security

Networking: CCNA, TCP/IP, Network Configuration, Network Troubleshooting, Firewalls

Tools: Git, GitHub, VS Code, Docker

Certifications

Introduction to Kubernetes
The Linux Foundation May 2026

BrighterMonday Uganda Soft Skills Certificate
BrighterMonday Uganda Mar 2026

CCNA: Enterprise Networking, Security, and Automation
Cisco Networking Academy Nov 2025

Endpoint Security
Cisco Aug 2025

Certified Inspired Leader
Inspired Leaders International Nov 2024

Introduction to Cybersecurity
Cisco Oct 2024

Cybersecurity

- Network Security
- Endpoint Security
- Threat Intelligence
- Vulnerability Analysis
- Secure Software Development
- Network Intrusion Detection
- Security Monitoring

Cloud & DevOps

- Docker & Containerisation
- Kubernetes
- CI/CD
- Linux Administration
- Microsoft Azure

Interests

- Secure Software Engineering
- Cybersecurity & Networking
- Cloud & DevOps
- Data Science
- Backend Engineering
- AI and Machine Learning