

Ayanda Joseph

Cybersecurity Student | Full-Stack Engineer | AI Safety Researcher

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PROFESSIONAL SUMMARY

Cybersecurity student and tech innovator driven by a mission to ensure digital safety in an era of rapid AI advancement. Specializing in offensive cybersecurity, full-stack engineering, and ethical AI development. Dedicated to pioneering AI Safety protocols and building secure digital infrastructures that protect both systems and humanity. Inspired by visionaries like Terry Davis and Linus Torvalds, I solve real-world problems through innovative technology solutions.

TECHNICAL SKILLS

Systems & Core	C, Holy C, Python, TypeScript
Frontend	React, Next.js, JavaScript, Tailwind CSS, HTML/CSS
Backend	FastAPI, Node.js, Express, Django, Flask
Databases	MongoDB, MySQL, Redis, Firebase, Supabase
Cloud & Tools	Google Cloud, AWS, Vercel, Render, GitHub, REST APIs
Security & AI	OSINT, Vulnerability Scanning, AI/ML Integration, Digital Privacy
Cybersec tools/path	Nmap, Wireshark, Burp Suite, Linux, OSINT, Digital Forensics, Automated Penetration Testing, Threat Intelligence

FEATURED PROJECTS

VULNRIX - Security Platform	vulnrix.onrender.com
Python AI/ML Security	
Comprehensive OSINT and vulnerability scanner for digital footprint analysis and deep code auditing. Integrates custom search APIs and AI models for automated security assessments and threat detection.	
Digital Footprint Shield	digital-footprint-shield.onrender.com
Python Flask AI Integration	
OSINT security tool for scanning digital footprints using custom search APIs and AI integrations. Provides comprehensive analysis of online presence and potential security vulnerabilities.	
Alexcathe Construction Platform	alexcathe.vercel.app
Next.js TypeScript Tailwind CSS	
Modern construction and engineering platform featuring premium dark UI, high-performance animations, and responsive design optimized for business conversion.	
Kelagam Technologies	kelegam-tech.vercel.app
Next.js TypeScript Tailwind CSS	
Premium multi-page enterprise platform with digital showcases, modern dark/light UI design, and optimized user experience for technology services.	
NextPhase Real Estate	nextphaserealestate.com
React Node.js MongoDB	

Professional real estate platform focused on conversion optimization, property management, and seamless user experience with full CRUD functionality.

Fyra Network Mining App fyra-network.vercel.app

React | Server-Sent Events | Real-time

Complex crypto mining web application with real-time tracking, server-side events for live updates, and secure transaction processing.

E-Commerce Store ecom-stor-three.vercel.app

Node.js | SQL | Cloudinary

Full-stack e-commerce platform with high-performance backend, cloud-based image hosting, payment integration, and comprehensive product management.

CURRENT FOCUS

AI Safety & Alignment, Cybersecurity, OSINT & Security Research, Digital Privacy, Tech Innovation

CORE MISSION

- Ensuring digital safety and online privacy in the age of AI
- Pioneering AI Safety protocols focused on LLM alignment and human well-being
- Building secure, intelligent architectures that protect systems and humanity
- Bridging offensive cybersecurity with ethical AI development