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PROFESSIONAL SUMMARY

Full-Stack Developer, Chief Technology Officer, and Security Researcher with over 3 years of experience designing fast, scalable, and secure applications integrated with artificial intelligence. Skilled in engineering modern web applications, distributed backend services, and containerized cybersecurity tools. Proven track record leading product architecture, guiding technical strategy, and delivering production-ready digital solutions.

PROFESSIONAL EXPERIENCE

Full-Stack Engineer TibebMed	12/2024 – Present Addis Ababa, Ethiopia
Architected and deployed end-to-end digital health infrastructure aimed at streamlining user interaction and medical workflows.	
Chief Technology Officer & Digital lead Afro Digital	09/2024 – Present Addis Ababa, Ethiopia
- Direct technical vision, system architecture, and product development across web, AI, and cybersecurity client projects. - Lead cross-functional engineering efforts to build scalable digital agency offerings and full-stack software solutions. - Engineered the flagship startup platform using React, Node.js, MongoDB, and AWS to empower enterprise operations.	
Back-End Developer Medhhanet	12/2024 – 11/2025 Addis Ababa, Ethiopia
Engineered backend services, managed digital growth strategy, and integrated platform APIs.	
Cyber Security Trainee Information Network Security Administration (INSA)	07/2025 – 10/2025 Addis Ababa, Ethiopia
- Engineered a lightweight, containerized SIEM platform supporting real-time log ingestion, alert classification, and anomaly detection. - Integrated machine learning models into continuous telemetry monitoring pipelines to automatically classify threats and isolate baseline anomalies. - Built an interactive React dashboard focused on high-signal alert management to minimize alert fatigue. - Packaged modular REST API architectures with Docker and Docker Compose for rapid deployment.	

TECHNICAL SKILLS

Languages & Frameworks

Python, TypeScript, JavaScript, Rust, C++, C, Java, PHP, React, Next.js, Vue.js, Node.js, Express, FastAPI, Flask, Django, Laravel, NestJS, Tailwind CSS, Framer Motion

Databases & Cloud

PostgreSQL, MongoDB, Redis, MySQL, Supabase, SQLite, AWS, Google Cloud, Docker, Docker Compose, CI/CD Pipelines, GraphQL, REST APIs

Cybersecurity & AI

SIEM/SOC Infrastructure, Automated Threat Intelligence, Penetration Testing, Log Monitoring, Machine Learning, TensorFlow, Vector Embeddings, LLM Integration

FEATURED PROJECTS

Afro AI

AI Chatbot

Built a conversational AI system for customer automation using Python, FastAPI, TensorFlow, and OpenAI LLM embeddings.

Lite-SIEM

Cybersecurity Tool

Developed a modular SIEM platform for real-time security log ingestion and adaptive threat detection using Python, Elasticsearch, Kibana, and Docker.

TilexPharmaLink

E-Commerce Platform

Engineered a compliant healthcare e-commerce platform with React, TypeScript, PostgreSQL, and Stripe integration.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science

St. Mary's University

Ethical Hacking Course & Security Fundamentals

O'Reilly / INSA

Quantum Computing Fundamentals

Stanford Online

AI Fundamentals & Machine Learning

IBM / freeCodeCamp

Software Engineering Professional & SQL Database Management

O'Reilly