CAVIN LARRY

IT Graduate | Software Development, Networking & Infrastructure

Nairobi, Kenya   +254 798 941735   cavinlarry001@gmail.com   https://devcavin.vercel.app

LinkedIn
GitHub

Summary

IT graduate with experience in software development, networking, and system administration. I build backend systems and APIs with Kotlin (Ktor, Spring Boot), develop frontends with React (JavaScript/TypeScript), and work with automation and scripting. My IT background gives me a solid foundation in networking, infrastructure, and troubleshooting. Currently learning DevOps tools like Docker, CI/CD, and cloud(Azure, GCP). I'm flexible and eager to contribute wherever I can add value whether that's development, infrastructure, or technical support.

Experience

Nairobi City Water & Sewerage Company   May 2024 to August 2024

IT Support Technician   Nairobi, KE

🔗 https://nairobiwater.co.ke

- Provided end-user technical support for systems, peripherals (printers), and network devices
- Configured and maintained network infrastructure (routers, switches, LAN/WAN) ensuring consistent uptime - Assisted with server administration, user account management, and system performance monitoring
- Managed IT asset inventory including laptops, monitors, and peripherals
- Applied security updates and enforced security protocols across IT infrastructure
- Created and maintained documentation for IT processes, incidents, and resolutions
- Trained staff on correct use of IT resources and troubleshooting procedures

WECONNECT WIFI   Sept 2025 – Present

Network Technician   Meru, Kenya

- Fiber Optic Installation and Splicing: Installing and splicing fiber optic cables for high-speed connectivity.
- Network Device Configuration: Configuring routers, switches, and network equipment for client use.
- Advanced Troubleshooting and Diagnostics: Troubleshooting connectivity issues using fault isolation and network monitoring techniques.
- Network Design and Standards Application: Applying networking fundamentals, including topology design and cabling standards.
- Signal Integrity Management: Ensuring and maintaining signal integrity across the network infrastructure.

Education & Certification

Meru University of Science & Technology   September 2021 to Present

Meru, KE   Bachelor's in Information Technology

🔗 https://must.ac.ke

Web & Mobile Application Development, Database Systems, Computer Networks, Software Engineering, Cloud Computing, Cybersecurity

Power Learn Project Academy   May 2024 to December 2024

Software Development   Nano Degree(Bootcamp)

🔗 https://powerlearnprojectafrica.org

Full-stack development, API integration, database design, responsive UI/UX

Teach2Give   May 2025 – August 2025

IT Customer Service   Nanodegree(Bootcamp)

🔗 https://teach2give.com

- Completed professional training in customer communication, problem-solving, and team collaboration
- Applied soft skills training to improve client interactions and service delivery

Projects

Health Information Management System   March 2025

Kotlin Ktor, HTML/CSS, JavaScript, REST, SQLite

🔗 https://github.com/devcavin/healthinfo-system

Built a web application for managing patient health records with CRUD operations and user authentication Developed RESTful API backend in Kotlin/Ktor for structured health data management Created responsive frontend for data entry, updates, and record retrieval Implemented security measures for patient data protection and healthcare compliance

Drug Research platform   February 2025

Next.js, React, AI/ML

🔗 https://github.com/devcavin/protein-binding

- Built a real-time research platform for molecular data analysis and visualization
- Developed frontend with Next.js (React) featuring molecular visualization and SMILES notation support
- Created Ktor backend with RESTful APIs and WebSocket communication for team collaboration
- Integrated NVIDIA MolMIn AI for protein modeling and interaction prediction

Customer Service Dashboard   June 2025

API Workshop Project (Postman, REST, Ktor, FastAPI, JavaScript, HTML/CSS, Supabase[PostgreSQL])

🔗 https://github.com/devcavin/customer-service-learning

- Built an internal ticketing system for managing ICT service requests and support tickets
- Developed REST API backend with full CRUD operations for ticket management
- Created responsive frontend interface for helpdesk workflows and communication logs

Ecommerce Backend   July 2025

Kotlin Ktor, REST, JSON, PostgreSQL

🔗 https://github.com/devcavin/brightside

- Built backend API for e-commerce operations including product catalog, shopping cart, and order management
- Developed RESTful endpoints for user authentication, product CRUD, and payment processing
- Implemented inventory tracking and order status workflows and containerization with Docker

Fortspring   November 2025 – Present

Kotlin, SpringBoot, JWT, OAuth, SpringSecurity

🔗 https://github.com/devcavin/fortspring-security

Built a modular backend authentication system using Kotlin and Spring Boot, implementing JWT-based stateless authentication, Redis session management, and OAuth2 integration for scalable identity management.

Skills

Programming Languages

Kotlin, JavaScript, TypeScript, Python, Java

Frameworks & Libraries

React, Django, Spring, Ktor, Next.js, Express, Spring Boot

Infriuucture & Tools

Docker, Git, Linux, Windows Server, Networking, CI/CD, Postman, Azure (learning)

Tools

Docker, Git, Postman

Volunteering & Awards

Postman Inc   March 2024 to Present

Postman Student Leader   Kenya

🔗 https://postman.com/student-program/

- Promote API literacy among peers through hands-on workshops, technical talks, and collaborative projects.
- Mentor student developers on API design, testing, and documentation using Postman.
- Organize and lead community events in partnership with developer networks such as Google Developer Groups and Microsoft Learn Student Ambassadors and other student/developer communities.
- Foster a collaborative developer community focused on API best practices and real-world integration skills.