

CAVIN LARRY OCHIENG

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Portfolio: <https://cavinlarry.netlify.app> | LinkedIn: <https://linkedin.com/in/killercavin> | GitHub: <https://github.com/Killercavin>

PROFESSIONAL SUMMARY

Self-driven and technically inclined software engineering student with a strong foundation in backend development, API integration, and systems design. Actively serving as a Postman Student Leader, where I mentor peers and lead real-world API-driven projects. Currently building a Kotlin (Ktor)-based ecommerce backend from the ground up, demonstrating a strong grasp of modern software architecture and RESTful design. Passionate about solving problems through technology, learning from industry experts, and contributing to impactful ICT solutions. Seeking to grow within a forward-thinking team where I can apply my skills while gaining mentorship and professional experience.

TECHNICAL SKILLS

Operating Systems: Windows & Linux (User support, installation, maintenance)

Networking: Network setup, printer configuration, basic troubleshooting

Support & Systems: Hardware/software diagnostics, system documentation, data backup

Software Tools: Postman, Git, VS Code, basic Docker, Microsoft Office Suite

Programming: Kotlin (Ktor), Python, JavaScript, HTML/CSS

Cloud: Basic exposure to AWS, Azure, GCP

Other: Data entry, cybersecurity principles, user training & onboardings

PROJECTS

Smart Protein Binding & Molecular Screening System

React, AI/ML, Scientific Computing – Ongoing

- Designed an intuitive frontend with molecular visualization, enabling drug discovery research using SMILES notation.
- Integrated NVIDIA's MolMin for protein generation and AI-powered interaction.

- Currently expanding the backend with Kotlin and Ktor to enable secure, real-time data access and collaborative features.

GitHub: <https://github.com/Killercavin/protein-binding>

E-Commerce Cart Web App (In Progress)

Next.js, React, Ktor – Personal Project

- Building a responsive and accessible cart system for an online storefront.
- Hands-on experience implementing RESTful backend logic with Ktor and Exposed ORM.
- Focused on frontend-user interaction and backend API connection.

GitHub: <https://github.com/Killercavin/brightside>

EXPERIENCE

Student Leader, Postman Inc.

Meru University of Science & Technology | 2024 – Present

- Facilitated API development workshops and hackathons in collaboration with Google Developer Groups and Microsoft Learn Student Ambassadors.
- Promoted adoption of Postman and RESTful API practices among student developers.

Industrial Attachment – IT Intern

Nairobi City Water & Sewerage Company | 2024

- Supported system administration, network troubleshooting, and basic server maintenance in a live infrastructure environment.
- Gained exposure to organizational IT operations and cybersecurity practices.

EDUCATION

BSc. Information Technology

Meru University of Science & Technology | 2021 – 2025

Software Development Certification

Power Learn Project | 2024

AI Career Essentials

ALX Foundation | 2024

Continuous contributor to open source and developer community platforms

CERTIFICATIONS & TRAINING

- Software Development – Power Learn Project ([Full list on LinkedIn](#))
- Continuous learning via GitHub Projects, Open Source, and Developer Communities

REFERENCES

Available upon request...