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

Motivated and adaptable IT student with practical experience in software development,
system support, and network troubleshooting. Skilled in frontend (React, Next.js) and
backend (Kotlin, Ktor) technologies, with a strong interest in impactful solutions. Eager
to contribute technical expertise and grow through real-world projects in dynamic
environments. Fluent in English and Kiswahili.

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 Africa | 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...