

Dennis Munania

Flutter Developer | Cybersecurity Analyst

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Dedicated Cybersecurity Analyst with practical experience in threat detection, vulnerability assessment, and design for secure systems. I have a good understanding of web application testing, responding to incidents, and risk mitigation, backed by training in Cisco Ethical Hacker and Cyber Shujaa. I'm ready to utilize my technical skills and analytical mindset to enhance organizational security and protect digital assets.

TECHNICAL SKILLS

- **Web Application Testing** – Identifying and mitigating vulnerabilities using OWASP principles.
- **Vulnerability Assessment** – Performing scans with Nmap and Burp Suite.
- **Network Security** – Applying ethical hacking and secure configuration best practices.
- **Collaboration** – Working cross-functionally to deliver secure, user-friendly systems.
- **Incident Response** – Supporting detection, analysis, and remediation of threats.
- Experienced in building and deploying apps for release on Google Play Store and Firebase for authentication and analytics.

SOFT SKILLS

- **Problem-Solving & Critical Thinking** – Able to analyze issues quickly and deliver practical, effective solutions.
- **Communication & Collaboration** – Work smoothly with cross-functional teams and explain technical concepts clearly.
- **Adaptability & Fast Learning** – Easily pick up new tools, technologies, and unfamiliar systems.
- **Ownership & Accountability** – Take initiative, follow through on tasks, and drive work from idea to completion.

WORK EXPERIENCE

Tata Cybersecurity Security Analyst Job Simulation on Forage - January 2026

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

Mastercard Cybersecurity virtual experience program on Forage - January 2026

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team.
- Helped identify and report security threats such as phishing.
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams.

Openmrs - KenyaEMR | Frontend React Developer | July 2024 – Jan 2025 | Nairobi, Kenya

- Created and enhanced React UI components for KenyaEMR / OpenMRS that improved load times by 15% and strengthened data accuracy.
- Refined UI/UX and resolved system issues through structured testing and debugging, improving system stability and user satisfaction by 40%.

- Collaborated with global open-source development teams and participated in KenyaEMR hackathons to implement secure, compliant, and innovative system upgrades.

Kenyan AIDS NGOs Consortium | Data Clerk | March 2024 – Jun 2024 | Kakamega, Kenya

- Managed, verified, and provided digital conversion for patient records utilizing KenyaEMR, achieving a 70% increase in record accessibility, workflow efficiency, 80% compliance with privacy regulations, and maintained 100% data accuracy.
- Automated and secured data backup processes, reducing recovery time by 60% and ensuring data integrity.
- Conducted routine data audits to correct inconsistencies and improve data quality and reliability.

University of Nairobi Enterprises / USAID | Software Developer Intern | Feb 2023 – Jan 2024 | Kakamega, Kenya

- Automated daily data backups through scripting, enhancing reliability from weekly backups to a daily process and reducing the manual EMR backup burden by 50% across 8 counties.
- Redesigned the HealthIT UONBI website and crafted a responsive user interface in HTML, CSS, and JavaScript, raising loading speed by 25% and achieving 100% cross-browser compatibility.
- Provided remote & onsite support of KenyaEMR across 6 counties, achieving 90% uptime and 60% of tickets resolved within SLA.
- Facilitated 15+ training and hackathons to empower users and upskill 50+ digital health professionals, resulting in a 35% improvement in workflow efficiency

PROJECTS

- **Kanyoni (Flutter, Dart, Hive)** – Developed an offline-first music app with <1s load times and lyric support, refining playback reliability. [PlayStore](#).
- **Jipange (Flutter, My SQLite)** – Built a lightweight offline task app that improved user productivity and daily workflow by 20%. [Play Store](#).
- **CPIMS Mobile App (Flutter, Django, Dart)** – Built a cross-platform CPIMS mobile app with a Django backend, boosting field workflows by 70% and enabling secure, reliable mobile data access.
- **Smart Shopping Cart (IOT, Arduino, M-Pesa Api)** – Created an IoT smart cart prototype that systemized item detection and mobile payments, cutting checkout time by 40%

EDUCATION

2018-2022	B.Sc. Computer Science, 2nd Class Upper	Masinde Muliro
University of Science and Technology		
2014-2017	Kenya Certificate of Secondary Education (KCSE), B	Mang'u High School

CERTIFICATIONS

Dec 2025	Cloud and Network Security	Cyber Shujaa
Nov 2025	Ethical Hacker	Cisco
Nov 2025	Vulnerability Management	Qualys
May 2018	Mobile Software Development & Entrepreneurship Program	Emobilis

REFERENCES

I will provide references upon request.