NATALIA MWANGI

Email: natalia.wmwangi@gmail.com | **Phone**: +254 757281244 • LinkedIn • GitHub • Website

EDUCATION

Strathmore University - Bachelor of Science in Informatics and Computer Science
Expected June 2026 | *GPA:* 70.27 (A)
Honors: Dean's List – Academic Year 2024 - 2025

EXPERIENCE

SoftClans Technologies Limited
Business Analyst Intern | Jan 2025 – Mar 2025
- Translated client needs into user stories and workflows.
- Designed wireframes and user journeys aligned with product goals.
- Supported Agile sprints and feature validation with engineering teams.
- Conducted UAT to improve usability and quality.

Strathmore Computing and Engineering Students Association (SCESA)
Director of Communications | May 2025 – Present
- Led media team, increasing engagement by 60%.
- Designed visual assets, branding, and digital campaigns.
- Built UI components and prototypes applying accessibility principles.

Kenya Christian Professionals Forum (KCPF)
Community Volunteer and Digital Designer| January 2024 – March 2024
- Audited website usability and content.
- Delivered user-focused recommendations for design improvements.

PROJECTS

- **Sauti App**: Award-winning inclusive communication tool with real-time translation and speech support for speech- and hearing-impaired users.
- **Sensei App**: Machine learning-powered mobile system that detects and manages sensory overstimulation for neurodivergent users.
- **ASL Reader**: Machine learning-powered product that interprets the American Sign Language alphabet in real time using CNN and LSTM models.
- **NgoziUI**: AI-powered mobile app that analyzes uploaded or captured skin images and classifies skin diseases.
- **CampusHive:** Event management platform centralizing all campus and club events, with sorting by date, organizer, price, and more.
- **BidUnity**: Web platform enabling collaborative bidding on high-value assets, distributing shares based on individual investment.
- **AgriMarket:** Mobile platform connecting small-scale rural farmers directly with urban customers, removing the need for brokers.

SKILLS

- **Design & Research:** User Research, Wireframing, Usability Testing, Accessibility, Journey Mapping, Design Systems, Visual Communication, Prototyping (Figma, Flutter UI)
- **Product & Process:** Agile, SDLC, Requirements Gathering, Cross-Functional Collaboration, User-Centered Design
- **Development:** Dart, Kotlin, C++, Java, PHP, SQL, Firebase, Jetpack Compose, RESTful APIs
- **Tools:** Flutter, Android Studio, Git, GitHub, Firebase, Laravel
- **Soft Skills:** Communication, Empathy, Problem-Solving, Adaptability, Critical Thinking, Time Management

CERTIFICATES & AWARDS

- Hack4PWD Hackathon Winner – Microsoft ADC 2024
- Dean's List Scholar – 2024–2025 Academic Year
- Cisco: NDG Linux Unhatched (2023)
- Cisco: CCNAv7 – Introduction to Networks (2023)
- Cisco: CCNAv7 – Introduction to Cybersecurity (2024)
- IBM: Artificial Intelligence Fundamentals (2024)

References available upon request