# Ange Nicole Mukundwa

Kigali, Rwanda | mukundwa338@gmail.com | +250 791 175 370 | Linkedin | Github | Behance

## EDUCATION

**African Leadership University - Kigali, Rwanda**
BSc (Hons) in Software Engineering *Expected Graduation: 2027*
***Relevant Coursework:*** *Advanced Back-End Development, Advanced Front-End Web Development, React Development, Advanced DevOps, Advanced Python Programming, Mobile Application Development, Enterprise Web Development, Web Infrastructure, Python Programming & Databases, Linux & IT Tools, Ethics in Software Engineering, Mission Capstone*

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, SQL, HTML, CSS
**Frameworks & Runtime:** React, Node.js, Express, Vite
**Databases:** PostgreSQL, MySQL, MongoDB, Relational Database Design
**Engineering:** RESTful APIs, Authentication & RBAC, Mobile Development, DevOps
**Tools & Deployment:** Git, GitHub, Linux, Vercel, Render, Railway, Claude Code, Notion, Trello
**Product & UX Design:** Figma, Adobe Creative Suite, UX Research, Usability Testing (SUS), Prototyping, Design Systems, A/B Testing

## EXPERIENCE

**UI/UX Designer (Part-Time Contract), Pivot Access Ltd.** - Kigali, Rwanda *September 2026 - Present*

- Designing and building a unified **EUCL** platform that merges two separate systems, the **Customer Management System** (CMS) and the legacy **Prepayment Vending System** (PVS), into one system that fully replaces PVS.
- Ran a gap analysis of both systems (CMS's **13** documented use cases against PVS's existing modules) to map every PVS workflow and feature into the merged system.

**Product Designer, IST Africa** - Kigali, Rwanda *December 2025 - Present*

- Design **TWIST**, a children's learning platform for ages **5-13** built for **Germany, Sweden, Denmark, and Norway**, from ideation and wireframes to interactive prototypes.
- Architected the full **parent dashboard**, authentication flows, billing screens, onboarding flow, and marketing website, and contributed to the platform's pricing strategy.
- Framed the parent home screen as a **"morning briefing, not a data portal"**, removed dead-end warnings, and replaced AI jargon with parent-friendly terms.

**Lead Product Designer (Contract), Hexakomb Ltd** - Kigali, Rwanda *September 2025 - September 2026*

- Sole designer on **Nokanda 3.0**, a full redesign of Hexakomb's mobile money aggregator app, owning it from ideation and user flows to final designs and handover.
- Designed **50+ screens** in an interactive **Figma** prototype covering rewards, universal search, and merchant payments.
- Designed the **Rewards system** (points tickets, scratch tiles, leaderboard, streaks) over **6 iterations**, checked against its rules.
- Built the **design system** and handed over the full design files; the team now ships features to live users in rolling releases.

**UI/UX Designer, Pivot Access Ltd.** - Kigali, Rwanda *March 2023 - December 2025*

- Co-designed **Tekana**, the **Rwanda National Police** platform for managing road and vehicle services, including vehicle inspection (contrôle technique), provisional and driving licenses, and traffic fines, as one of two designers on the product.
- Created **style guides** and prototypes that improved workflow consistency and cut development setup time.
- Refined usability across the system's workflows through iterative design, boosting user engagement.
- Handed off final designs and style guides to developers; Tekana is now used by the Rwanda National Police nationwide.

**UI & Graphic Design Fellow, Wastezon** - Kigali, Rwanda *November 2022 - May 2023*

- **Resourceful Fellowship** (women in climate action): led UI/UX design for **Wastezon X** from concept to launch, helping citizens take part in climate action by reusing electronic devices.
- **Constellation Fellowship** (students in SDG-focused startups): continued design work at Wastezon, including **revamping the company website.**
- Produced social media assets that increased brand engagement and raised awareness of e-waste reuse.

## PROJECTS

**TaPa Trust - Capstone Project** - *Full-Stack Developer & Product Designer* *Defended July 2026*

- Built a full-stack, trust-centred task-lifecycle platform for **informal skilled services in Kigali**, split into a **React** client deployed on **Vercel** and a **Node.js/Express + PostgreSQL REST API** deployed on **Render/Railway**.
- Designed the product end-to-end, from a **27-frame UI** mockup set and custom design system to the implemented interface.
- Ran a user study with **15 participants** (8 workers, 7 requesters), measuring **SUS** usability and six trust dimensions with **Wilcoxon signed-rank tests**; surfaced a trust asymmetry between the two roles.

## HONORS

- **3rd in Africa**, picoCTF Cybersecurity Competition (Carnegie Mellon University), Team - March 2022