

NAMUTEBI GERTRUDE MIRRIAM

FRONTEND AI ENGINEER | AGENTIC UX & SYSTEMS

Engineering intuitive interfaces for AI-powered and agentic systems.

CONTACT

+41762399730
gnamutebi7@gmail.com
Github Profile: https://github.com/trudy-pro
Portfolio :https://dudadesign.lovable.app/
LinkendIn:https://www.linkedin.com/in/gertrude - mirriam-89913470/
Windisch, Switzerland

SKILLS

Technical: JavaScript, TypeScript, React, HTML/CSS, LLM APIs, agent workflows, API integration, p5.js, Git/GitHub, Figma

Product & AI UX: Agentic UX, Human–AI Interaction, Human-in-the-Loop Systems, AI Product Design, Explainability, User Control, Interaction Design, Data Visualisation, HCI Research

UI & Design Systems: Design thinking, Component-Based Design, Atomic Design Principles, Responsive Grid Systems, Figma

EDUCATION

Masters

Digital Communication Environments MA
FHNW Basel
Focus: Agentic UX, Interactive Systems, Information Design, and AI-Assisted Communication Environments.

September 2025 - Currently enrolled

Bachelor

Bachelor of Information Science Makerere University Focus: Information Systems, Data Architecture, Metadata & databases

Aug 2013 - Jan 2016

Additional Training

Frontend Path Scrimba
Fullstack Path Scrimba
AI Path Scrimba

February 2026 - Currently enrolled

LANGUAGES

English - C1

German - B1

PROFILE

I am an AI product engineer focused on agentic systems and AI-assisted products. I combine frontend, APIs and interaction design, data visualization, and HCI research to build usable interfaces around complex AI workflows. I am experienced in collaborating across product, engineering, and data teams in fintech, healthtech and research environments, with a growing focus on human-in-the-loop systems, AI decision support, transparency and user control.

WORK EXPERIENCE

Research Associate HCI | Data Analyst

Sept 2024 to Sept 2025

FHNW Campus Brugg-Windisch, Switzerland (Full-Time)

- I applied data analytics and visualisation techniques to FHNW IIT institute project datasets to generate strategic insights on research funding opportunities, leveraging excel modelling and AI tools.
- Designed adaptable 3D environments for AR/VR applications using Blender and conducted usability research focusing on the accessibility of AR/VR interfaces for seniors to be more inclusive and easily adaptable.

UX Designer | Web Developer

Aug 2020 - Aug 2024

Freelancer Nairobi, Kenya

- Delivered web applications and visualisation solutions, such as dashboards and interactive UI architectures, for clients' corporate clients such as GoDaddy, Tamuwa Group, Profiles International, and Dwellin, contributing from information architecture and interaction design through full front-end implementation.

Digital Product Designer – Data Visualization & Dashboards

Jia - FinTech, Nairobi, Kenya (Full-Time) July 2022 - May 2023

- I designed the complete app, dashboards and analytics interfaces that translated complex financial datasets into clear, actionable insights for internal teams and stakeholders.
- Collaborated closely with product managers, engineers, and data teams to ensure accurate implementation of high-fidelity wireframe, visualisations and dashboard functionality.

Creative Designer and Web Developer

January 2020 - August 2021

ClinicMaster - HealthTech, Kampala, Uganda (Full-Time)

- I synthesised complex data into clear visual narratives, aligning internal teams on marketing strategy and communications goals.
- I leveraged digital analytics and visualisation tools like Google Analytics to track social media campaign performance, boosting conversion rates by 30%.

Web Designer and Digital Account Manager

Freelance - Kampala, Uganda July 2017 - December 2019

- I worked as a web developer to redesign digital solutions such as websites. I designed websites, social media content, marketing and branding content.