Curricilum Vitae

Roseline Ojula

Nairobi, Kenya · +254 748935998 · roselineakinyi587@gmail.com · GitHub: OjulaRoseline · LinkedIn: Roseline Ojula

Professional Profile

1. Motivated Electrical & Electronics Engineering student (expected graduation:2029) with ~1 year experience at Multivariable System Tech Company as a Junior Technician. Enthusiastic about IoT, embedded systems, and smart automation. Developed self-initiated web and software projects,ranging from custom login UIs to dynamic quiz apps,demonstrating strong initiative, full-stack thinking, and coding fundamentals.

Key Skills

- **Hardware & Embedded**: Embedded systems testing, documentation, debugging, Python scripting for automation
- **Technical**: C, C++, Python, JavaScript, HTML5, CSS3
- **Design & UI**: Tailwind CSS, Bootstrap, neumorphic UI design
- **Workflow Tools**: Git & GitHub, version control, Agile collaboration
- **Soft Skills**: Detail-oriented, self-starter, teamwork, communication

Professional Experience

Junior Technician — Multivariable System Tech Company, USA

Late 2024 – Present

- Assisted senior engineers with embedded system assembly, integration, and testing.

- Developed Python scripts to automate data logging and reporting, reducing manual workload.

- Documented procedures, wiring diagrams, and test results to streamline onboarding.

- Coordinated field testing and diagnostics, improving system reliability.

- Developed a full functioning automated pethouse with a monitoring app.

GitHub Projects (Personal & Academic)

- **javascript-github-users**
  Built a responsive interface to search GitHub users using JavaScript and HTML/CSS.

- **quiz-App_github_repo**
  Created an interactive quiz app in JavaScript with immediate feedback and sequential flow.

- **camper-cafe_repo**

  Designed a café menu webpage using HTML and CSS, focusing on layout and UX.

- **Neumorphism-login-form-repo**

  Developed a modern, neumorphic-styled login form in CSS to showcase UI creativity.

Education

Bachelor of Science in Electrical & Electronics Engineering, Kenyatta University, Nairobi

Expected Graduation: 2029

Relevant coursework: Embedded Systems, Control Systems, Signals & Systems, Programming, Digital Electronics

Additional & Tech Stack

- **Languages**: English (Fluent), Swahili (Native)

- **Tech Stack**: C, C++, Python, JavaScript, HTML5, CSS3, Tailwind, Bootstrap, Git

- **Availability**: Part-time (currently a student) — Full-time post-graduation

- **References**: Available upon request