



RAPHAEL KAMAU

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[🔗 https://personal-portfolio-livid-pi-43.vercel.app/](https://personal-portfolio-livid-pi-43.vercel.app/)

Education

Mount Kenya University B.Sc. Computer Science (Third Year)	May 2024 – Present Thika, Kenya
Power Learn Project Africa (PLP) Professional Certificate in Full Stack Software Development	July 2025 – Nov 2025 Remote

Technical Skills

Languages: TypeScript, JavaScript, Python (Basics), C, SQL
Frameworks: React.js, Node.js, Express.js, Bootstrap CSS, Tailwind
Databases: MongoDB, MySQL
Tools/Concepts: Machine Learning, AI Foundations(In Progress), MERN Stack, Git, Render

Technical Projects

Power Cast (Energy Prediction) <i>React, Node.js, TypeScript</i>	2026
<ul style="list-style-type: none">– Engineered a predictive energy monitoring web app to visualize consumption trends and forecast future demand.– Integrated node js based predictive logic (Regression Model) with a MERN frontend for a seamless data-driven UI.– 🐙 Project Repository	
UI-Forge <i>MERN Stack, TypeScript</i>	2025
<ul style="list-style-type: none">– Developed a component library platform for developers using TypeScript to ensure strict type safety.– Implemented RESTful APIs and secure JWT authentication for user-contributed UI elements.– 🐙 Project Repository	
Regen Mapper <i>React, Leaflet.js, TypeScript</i>	2025
<ul style="list-style-type: none">– Engineered a geospatial tool for reforestation tracking, implementing interactive mapping features.– 🐙 Project Repository	

Certifications & Extra-Curricular

UniAthena: Professional Certificate in Basics of Python (Feb 2026); Basics of Machine Learning (Feb 2026); Basics of AI (Ongoing)