



Ezra Kiprop Mutai

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GitHub: ezramutai, kiprop10

Portfolio: kiprop10.vercel.app, kiprop10.github.io/portfolioweb1

Professional Summary

Self-taught full-stack web developer and science educator with a strong foundation in Mathematics, Chemistry, and Physics. Experienced in Angular, Node.js, and Express, with a passion for building responsive, user-friendly web applications. Adept at working with limited resources using mobile-first development setups including Termux and GitHub Codespaces. Proven leadership through peer training programs and early adoption of modern development practices.

Technical Skills

- Frontend: HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular (Standalone Components, SSR)
- Backend: Node.js, Express.js, MongoDB, REST APIs
- Tools & Platforms: Git, GitHub, GitHub Codespaces, Termux (Linux on Android), Vercel, GitHub Pages
- Other: Pug, EJS, Markdown-like content formatting, Cross-platform Deployment, Bash Scripting

Projects

PortfolioWeb1 – kiprop10/portfolioweb1

- Created a dynamic portfolio website with Angular and integrated server-side backend using Express and MongoDB.
- Built blog system with image uploads, custom text formatting, and server-side admin dashboard.
- Hosted on Vercel and GitHub Pages.

PortfolioWeb – ezramutai/portfolioweb

- Initial version of portfolio developed entirely on Android using Termux.
- Demonstrated mastery of Angular's core principles including routing, form validation, and responsive design.

Ubuntu on Android Toolkit

- Created educational content and environment setup guides to help Android users install and use Ubuntu via Proot-Distro.
- Integrated Git and GitHub workflows with local development using Termux.

Professional Experience

High School Science Teacher – Various Secondary Schools in Kenya (Feb 2019 to Aug 2019)

- Taught Physics and Chemistry, producing some of the region's top-performing students.
- Led school-wide student cleanup after major events, earning praise for initiative.
- Initiated and facilitated a peer mediation seminar for student leaders.

Peer Educator & Volunteer – Local Youth Programs (2018 to Present)

- Conducted training on conflict resolution and environmental awareness.
- Mentored students in rural areas, focusing on access to STEM education and digital skills.

Education

BSc. Education Science (Chemistry & Physics) – Karatina University (Ongoing)

KCSE (Kenya Certificate of Secondary Education)

- Top 3% in Mathematics nationwide
- Top 1% in Chemistry
- Top 5% in Physics

Achievements & Awards

- First student from home village to secure a paid internship
- Developed and deployed first personal website while working entirely on Android
- Recognized for peer mediation and leadership contributions in high school

Personal Attributes

- Strong problem-solving and self-learning ability
- Excellent time management and commitment to deadlines
- Introverted but effective communicator through writing and tech
- Actively seeking exposure and opportunities in software development