Jacob Mwambwa Kau

Kitui, Kenya

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Portfolio Link | GitHub link

Professional Summary

I am a Full Stack Developer passionate about building clean, functional, and visually engaging digital experiences. While my core focus is software engineering, my background also spans UI/UX design, graphic design, and IT support. As a creative problem solver, I bridge the gap between robust backend architecture and user-centric design to deliver innovative solutions.

Tech Stack:

HTML, CSS, react.js, node.js, express.js, MongoDB, JavaScript, Bootstrap, PHP, MySQL, AJAX, jQuery, Git, M-PESA API, EmailJs and Cloudinary

Work Experience

Software Developer | Zukbits Online – Kenya **Aug 2025 – Nov 2025**

- **Software Developer intern (Aug 2025 – Dec 2025):** Automated software builds, testing, and deployment to drive efficient release cycles. Collaborated with UI/UX personnel to integrate accessibility into software.
- **Software Developer (Jan 2026 – Oct 2026):** Developed security protocols to protect sensitive information from unauthorized access. Collaborated with team members to design, code, and test new features.

Remote Business Development Representative Intern | Fihankra Comtech LLC – Ghana **March 2025 – April 2025**

- Identified client objectives to present product and service solutions.
- Employed strategies to resolve client issues, retain clients and achieve sales goals.

Projects

1. **Witty MoodTracker |React.js, Express.js, Node.js, JWT, MongoDB | 2025**

- Developed a mood management portal for daily records. Users can add notes to capture what influences their mood and explore analytics to discover patterns.

2. **Witty HandUp System | React.js, Express.js, Node.js, JWT, MongoDB | 2025 – 2026**

- Developed a community-driven task management platform where users can post, claim, and track tasks.

- Integrated contact forms with EmailJS for instant, serverless email notifications.

3. **Witty Voting System | HTML, CSS, PHP, JavaScript, Bootstrap, | 2025 – 2026**

- Built a secure digital voting platform with voter authentication, media storage (via cloudinary) reducing ballot processing time by 80%.

4. **WittyMart E-Commerce system | HTML, CSS, PHP, JavaScript, Bootstrap, | 2025 – 2026**

- Built a full-stack e-commerce solution featuring dynamic product catalogs, a secure shopping cart, Media storage (via Cloudinary), Automated emails (via Emailjs) and an order management dashboard to handle transactions seamlessly.

5. **Witty Blog System | | React.js, Express.js, Node.js, JWT, MongoDB | 2025 – 2026**

- **Built a full-stack blog platform with JWT authentication and role-based access control, a RESTful Express.js/MongoDB API supporting CRUD, pagination, and comment threading, and a responsive React.js front end with protected routes and search/filter features.**

Education

Bachelor of Science in Information Technology

Kibabii University – Bungoma, Kenya

Graduated: November 2024

Skills

Technical & Design Skills:

- **Web Development:** Full-stack application development, responsive design, and API integration.
- **UI/UX & Graphic Design:** Interface design, prototyping, and visual asset creation (Canva).
- **IT Support:** Hardware configuration, software troubleshooting, and system maintenance.
- **Project Management:** Task prioritization, version control (Git/GitHub), and deployment automation.

Soft Skills:

- Problem-solving, effective communication, teamwork, self-motivation, and adaptability.