

# IAN MWENDWA

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## PROFESSIONAL SUMMARY

Software engineer with a background in DevOps, software architecture, and full-stack development. proficient in using JavaScript, PHP, Node.js, React.js, Next.js, Express.js, MySQL, PostgreSQL, MongoDB, Firebase, Supabase, and Docker to create scalable web applications, APIs, and automation tools. knowledgeable about providing solutions that enhance productivity, streamline processes, and facilitate digital transformation. Strong problem-solver with a track record of flexibility in both individual and group settings.

## TECHNICAL SKILLS

- Languages & Frameworks:** JavaScript, Node.js, React.js, Next.js, Express.js, Three.js, PHP
- Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Supabase
- DevOps & Cloud:** Docker, Kubernetes, Git/GitHub, CI/CD workflows, AWS basics
- Frontend & UI:** React.js, Next.js, TailwindCSS, Bootstrap, Figma
- Other Tools:** API Development, Automation, Excel for Data Analysis
- Soft Skills:** Problem-Solving, Strategic Planning, Collaboration, Adaptability, Communication

## EXPERIENCE

### Freelance Software Engineer

Remote | May 2025 – Present

- Delivered 2+ web applications and landing pages using React, Node.js, Firebase, and Supabase.
- Developed APIs and backend services serving 500+ unique users monthly.
- Improved delivery efficiency by 25% through agile collaboration and scope alignment.
- Automated workflows for clients, reducing manual processes and improving turnaround times.

### IT Attachment – Peponi School, Thika

May 2023 – Aug 2023

- Built and deployed a landing page with React and TailwindCSS, increasing resource accessibility by 40%.
- Provided IT support, hardware troubleshooting, and preventive maintenance to ensure uptime of ICT tools.
- Supported staff and pupils in integrating digital platforms into daily operations.

## PROJECTS

- School Timetabling System:** Designed a web-based timetabling solution that automated scheduling, reduced clashes, and improved allocation efficiency.
- Inventory & Workflow Automation Tool:** Built a system integrating APIs and automation scripts to reduce repetitive manual tasks and improve reporting speed.
- Personal Portfolio Website:** Developed and deployed a responsive web portfolio showcasing engineering projects and technical expertise.

## EDUCATION

### B.Sc. Computer Science – Egerton University

2019 – 2024 | Second Class Upper Division Honors

### KCSE Certificate (B+) – Cornerbrook School, Kenya

2015 – 2018

## REFERENCES

REFERENCES AVAILABLE UPON REQUEST