



Get In Touch

Contact Information

Feel free to reach out to me for collaborations, opportunities, or just to say hello! I'll do my best to get back to you as soon as possible.



Email

levisrabah@gmail.com



Phone

+254 795 982 921

Connect with me



Send Me a Message

Name

Email

Message

Send Message ↗



[About](#)[Resume](#)[Skills](#)[Projects](#)[Labs](#)[Experience](#)[Contact](#)[Hire Me](#)

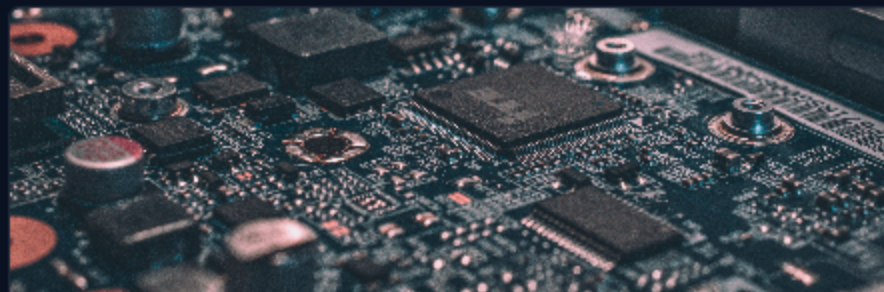
Hello, I'm Levis Otieno Rabah

I'm a **Full Stack Software Developer**

[Projects](#)[Contact Me](#)



Lab Challenges



Rate Limiter Middleware

Problem

Protect an API from abuse with sliding-window rate limiting.

Approach

Implemented a token-bucket algorithm with Redis for atomic increments and TTLs; added exponential backoff headers.

Tools Used

TypeScript Express Redis Jest

Lessons Learned

- Atomic operations matter under concurrency
- Expose retry-after to improve client behavior

[🔗 View Repo / Notes](#)



Image Optimization Pipeline

Problem

Reduce LCP by optimizing hero images across devices.

Approach

Built a sharp-based pipeline generating AVIF/WebP variants, added responsive <picture> with lazy loading and blur-up placeholders.

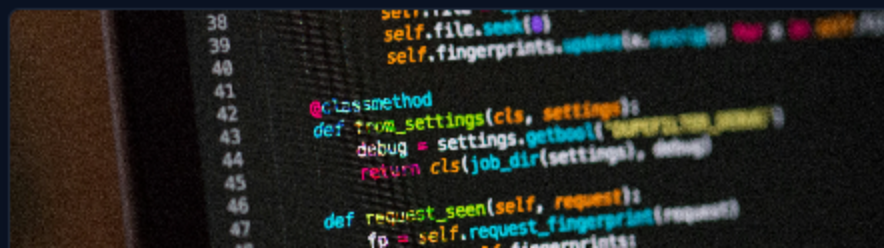
Tools Used

Node.js sharp Vite Cloudflare R2

Lessons Learned

- AVIF often halves payload vs JPEG
- Blur-up improves perceived performance

[🔗 View Repo / Notes](#)



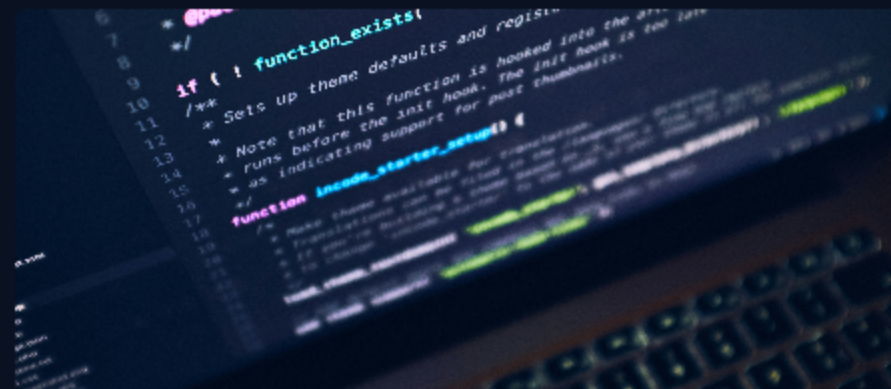


Featured Projects

[Download My CV](#)[Preview CV](#)

Vijana Sport Management System

A platform for managing youth sports programs, handling enrollments, schedules, and communication.

[Python](#)[Flask](#)[React](#)[HTML/CSS](#)[View Code](#)[Live Demo](#)

Drowsiness Detection System

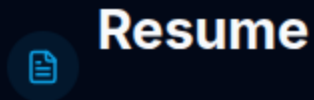
Multilingual drowsiness detection using Vambo AI API for inclusivity.

[Python](#)[OpenCV](#)[Flask](#)[Vambo AI API](#)[View Code](#)[Live Demo](#)

Vijana Sport Management System

A platform for managing youth sports programs, handling





Download PDF

Preview CV

Education

Kenyatta University (Ongoing – Part-Time)

BSc. Telecommunication and Information Technology
Expected 2027

Networking & Communication Systems, Programming, Data Management, Telecommunication Technologies, Cybersecurity, System Design & Integration.

Moringa School

Software Engineering
Completed 08/2024

Python, JavaScript, React.js, Node.js, Flask, HTML, CSS, Redux, Context API, SQL, Postgres, MySQL, Git, AI tools for rapid development.

Certifications & Participation

ICP Hub Kenya – Blockchain/Web3 Innovation (Participation)

ICP Hub Kenya • 2025

Google Machine Learning

Work Experience

Tech Lead Volunteer

Start Walking Foundation (Remote)

Jun 2025 - Present

Developer Relations Advocate Intern

Vambo AI (Remote)

Mar 2025 – Sep 2025

Web Developer

Glorious-Dawn Montessori School

Sep 2024 – Nov 2024

For detailed timeline see [Experience](#) below.

Skills

Python Flask JavaScript React.js Node.js Angular Express.js HTML CSS
Redux Context API SQL MySQL Postgres REST JSON XML Git GitHub
CI/CD Docker AI tools Postman Computational Linguistics

Soft Skills

Technical Communication Public Speaking Community Engagement Metrics Analysis
Teamwork Self Motivation Problem Solving Project Management Leadership
Time Management Analytic Skills Networking

Explore interactive breakdown in [Skills](#).