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Nairobi, Kenya -- Address

JERRY GATHU

FULL STACK DEVELOPER

<https://github.com/Gathu17> --Github

<https://jerrygathu.vercel.app> --Portfolio

<https://jerryg.hashnode.dev> --Blogs

SUMMARY

Experienced software developer with a strong track record of effective leadership, guiding teams to successful project execution. Proficient in crafting visually captivating web applications and building resilient backend architectures. Well-versed in deploying web applications to cloud environments, ensuring scalability and reliability.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology

Bachelor's Degree in Electrical, Control and Instrumentation 2017 – 2022

SKILLS

- Javascript/Typescript
- Laravel
- Nodejs
- MySQL
- MongoDB
- AWS
- Python
- Docker
- React/Vue

CERTIFICATIONS

- LYFT Backend engineering program
- AWS Cloud Project Bootcamp

LANGUAGES

- English
- Swahili

WORK EXPERIENCE

Software Developer

Elephant Technologies Limited | April 2024 - December 2024

- Engineered and deployed fast, scalable microservices to support high-traffic applications.
- Developed a task management system to streamline technician workflows, reducing operational delays by 30%.
- Designed and implemented a Mikrotik-based wireless billing solution, automating invoicing and reducing manual errors by 90%
- Built a hotspot management system with real-time analytics, enabling data-driven decision-making for business growth.

Lead Software Developer

Yashio Kenya | May 2023 - November 2023

- Led across-functional development team in building a scalable EdTech platform, improving accessibility and learning outcomes. Integrated Stripe payment processing with subscription models increasing revenue streams.
- Designed intuitive UI/UX designs using Figma, enhancing usability.
- Contributed to the design and implementation of the backend architecture with RESTful APIs enabling personalized experiences.

Tools used - Laravel, Vue, Figma,

Freelance software developer

Remote | October 2022 - Present

- Developed high-performance web applications using Laravel, React, Vue and Nodejs ensuring alignment with client specifications.
- Coordinated with distributed engineering teams to maintain product quality and meet project deadlines.
- Conducted client consultations to define project scope, refine requirements and translate business needs into technical solutions.
- Tools used - Laravel, React, Vue, Nodejs, Figma

Backend and DevOps Intern

HNG | October 2022 - December 2022

- Worked as a backend developer and lead DevOps engineer on an AI app that generates a cover letter from a resume using GPT3.
- Integrated CI/CD using Jenkins that improved deployment time of the application. Added Application Performance
- Monitoring with ELK stack that notified developers in slack when bugs occurred.
- Tools used - Nodejs, Express, Docker, Nginx, Jenkins, git, elk stack, AWS