

Jefferson Gakuya

Software Engineering | Open Source Contributor

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Experienced software engineer proficient in JavaScript and Python for both frontend and backend development. Led successful server-side projects, demonstrating leadership and team management skills. Active contributor to an open-source community, skilled in using Git tools for PRs, issue handling, and project documentation. Passionate about knowledge sharing and collaborative development.

WORK EXPERIENCE

Software Engineering as a Front-end Developer

February 2022 – Present

GranularIT, Nairobi, Kenya

- Led the first major server-side project by designing and implementing the feature, maintaining to scalable modern app
- Designed and implemented scalable APIs from identifying system requirements and pattern dependencies to workload balancing, software implementation, engineering, testing, and configuring metrics and dashboards.
- Continuous integration/Deployment Pipeline integration, pull request, code reviews, load/stress testing, unit/testing

Open Source Contributor

June 2021 – Present

AskDevs, Github

An enthusiastic contributor to the open-source community, actively participating in a technical writing group.

- Well-versed in creating pull requests (PRs), effectively triaging issues, and diligently documenting project discussions.
- Improve Documentation: contribute to improving the project's documentation. Ensuring clear and comprehensive documentation, that aids other developers in understanding and using the software effectively.
- Tend to stay informed about project updates, new releases, and emerging trends within the open-source ecosystem to ensure their contributions align with the latest developments.

Software Engineering as a Backend Developer Intern

November 2021 – February 2022

Whip Music Africa, Lagos, Nigeria

The first hire on the backend team of Whip Music Africa funded startup. Developed product strategies for Product Manager, as the team grew to 20 employees. Focused on creating API endpoints and dashboards.

- Designed and implemented scalable API endpoints, creating futuristic APIs using Django Rest-Framework, MYSQL, and Django
- Optimized API calls by reducing bundle size and cache data by 5%, increasing the speed of data fetching and responses

Computer Technician Assitant

December 2018 – April 2019

Antioch Baptist Computer Labs, Nairobi, Kenya

- Linked computers to a network and peripheral equipment, including printers and scanners.
- Brokedown and evaluated user problems, using test scripts, personal expertise, and probing questions.
- Tested and installed motherboards, processors, and graphics cards on desktops and laptops for corporate staff.

EDUCATION

Moringa School, Nairobi, Kenya

Diploma of Engineering — Computer Science

Nairobites Trust, Nairobi, Kenya

Diploma in Web Design and Web Development

Google Africa Developer Scholarship

Certificate, Technical Support Fundamentals

SKILLS & OTHER

Tools and Frameworks: JavaScript(React.js, Next.js, Node.js, Express), Python (Django, Flask), Databases (MongoDB, PostgreSQL, MySQL), Git, TypeScript, Redux, Mobx, Framer Motion, TailwindCSS, Html, CSS, AWS