

Joseph Mania

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Education

Kenyatta University, Kenya
Bachelors of Computer Science

Sep 2018 - Present
GPA: 6.5/10.0

Experience

Fruitfull Labs | Nairobi, Kenya

Backend Developer Internship

Dec 2021 - Dec 2022
Nairobi,

- Engineered high-performance RESTful APIs for data-intensive applications that supported 10,000+ concurrent connections with a response time of less than 1s; reduced server downtime by 50%.
- Managed the development and implementation of a cutting-edge microservice-based architecture, resulting in an impressive 40% increase in system efficiency and stability.
- Collaborated with cross-functional teams to deliver end-to-end software solutions.
- Generated automated testing and deployment pipelines to reduce manual intervention and improve release quality.

Upwork, Top rated Freelancer

Full Stack Developer

May 2020 - Present
Remote

- Developed and delivered highly customized system designs for clients, adeptly catering to their unique requirements and surpassing expectations.
- Demonstrated expertise in debugging Django and Node.js projects with an exceptional success rate of 80%, swiftly resolving complex issues and ensuring optimal performance.
- Minimised customer inquiries on website usage by 35% through comprehensive technical documentation creation, including user manuals, installation guides, and online help.

Projects

Wode Ecommerce

Wode Startup, Nairobi

Jul 2021 - Nov 2022
Independent

- Implemented independent e-commerce website with Django framework, praised for intuitive UI and smooth functionality.
- Implemented integrated payment methods, delivery functionality, and optimized the website for user-friendly navigation.

EmployNanny

Final Year Campus Project

Feb 2023 – Jun 2023

- Developed and Incorporated essential features such as messaging, notifications, and job listings.
- Integrated secure payment options through Mpesa and PayPal to facilitate smooth transactions within the platform.

Task Manager

Personal Task Manager,

Jun 2022 – Aug 2023

- Created APIs using Django and fetched data from it to display on the website.
- Utilized SQLite as the database management system for the project and React for frontend.

Other Projects

- Upepeo Lending Video System.
- Weather Predictor.

Achievements

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| • Cello Hackathon | Participated web3 hackathon and our team emerged the 4 th . | 2022 |
| • Top rated Freelancer | Got awarded the top rated freelancer badge by Upwork. | 2022 |
| • Top 7 Technical writers | Secured a badge for top 7 writers on the dev.to. | 2022 |

Technical Skills

Programming languages: Python, Javascript, Java
ML/AI: Pytorch, Numpy, Pandas, Matplotlib
Soft Skills: Communication, Self-driven

Web Technologies: HTML, CSS, Django, Nodejs, Express
Miscellaneous: MySQL, Git, Shell, Docker

Relevant Coursework

Computer Science: Deep Learning, Data Structures and Algorithms, Databases, Operating Systems, Computer Networks.
Mathematics: Optimization, Discrete Maths, Probability and Random Processes, Number Theory, Linear Algebra.