

ROBINSON MUSAU

JUNIOR SOFTWARE ENGINEER

CONTACT

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PROFILE SUMMARY

A student pursuing Software Engineering and skilled in Node.js, TypeScript, JavaScript, and Python, with hands-on experience in numerable real world projects, research, database management and M-Pesa API implementation. Seeking an internship opportunity to apply my technical expertise, contribute to innovative projects, and grow within a dynamic tech environment.

EDUCATION

SEP 2021- DEC 2025
KIRINYAGA UNIVERSITY

- BSC. Software Engineering

2017-2021

KAUMONI BOY'S HIGH SCHOOL

FEB 2025-MAY 2025
POWER LEARN PROJECT

WORK EXPERIENCE

ICT COUNTY OFFICE
IT INTERN

MAY 2023-AUG
2023

- Assisted in troubleshooting and resolving hardware and software issues for end-users, ensuring minimal downtime.
- Supported the IT team in maintaining and updating network systems, including user account management and system backups.
- Collaborated on the implementation of new software tools, providing training and documentation to staff.

SKILLS

- Languages: Python, JavaScript, TypeScript, Java,
- Web: Node.js, Express, React
- Databases: MySQL, MongoDB, supabase
- Tools: Git, Docker, Jenkins
- APIs: M-Pesa, RESTful
- Skills: Database design, problem-solving, teamwork
- Languages: English (Fluent), Swahili (Fluent)

MASYOPNET Technologies
Software Intern

MAY 2024-AUG 2024

- Developed and maintained web applications using Node.js, TypeScript, and JavaScript, ensuring high performance and responsiveness.
- Designed and implemented database solutions, optimizing queries and ensuring data integrity.
- Gained hands-on experience with M-Pesa API integration, enabling seamless payment processing in applications.
- Collaborated with cross-functional teams to deliver software solutions aligned with client requirements.
- Participated in code reviews, debugging, and testing to ensure high-quality software delivery.
- Documented technical processes and workflows to support knowledge sharing and team collaboration.

RESEARCH INTERESTS

- Machine Learning, Deep Learning
- Natural Language Understanding
- Algorithmic Optimization
- Data Science, Big Data