

Jeff Karanja

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Education

University of Nairobi

Sept 2019 – Expected Sept 2023

Bachelor of Computer Science

• **Related Coursework:** OOP in C++, Compilers, Web Development, Operating Systems, Data Structures

Skills

Proficient: C++, Python, JavaScript, TypeScript, HTML/CSS, Git, Azure, MongoDB, React.js, Express.js, Node.js, Angular.js
Exposure: Go, AWS, Docker, C#, Java

Relevant Experience

Full Stack Developer @ [Whrrl](#)

June 2022 – Present | Remote

- Built an aggregation feature with export functionality using Angularjs that dynamically displays all the commodities(paginated) held in our listed warehouses for the business team to be able to analyze and report on the trends of our listed commodities.
- Configured ec2 servers with Nginx reverse proxy to handle requests from multiple domains to reduce deployment costs by 25%
- Configured automatic timestamped AMI creation and deletion on AWS to add a layer of redundancy on the event of failure or deploying identical resources
- Boosted productivity of development on existing applications by 45% by configuring Docker files to spin up containers with all the required tech stacks to work on each unique application

Projects

[Klimup](#)

- Developed a climate change campaign application to rally individuals to contribute to the fight against climate change by offering a collaborative environment to plan events, contribute solutions, and be rewarded and learn more about the effects of climate change. I developed the application using the MERN stack.
- Created a functional frontend for users to track their statistics in their role against climate change; to create and browse events in the community and to post, vote and contribute to solutions in an in-house crowdfunding model.

Organizations

Microsoft

2021 – Present

I am a Beta Microsoft Learn Student Partner. My role is to act as an ambassador of Microsoft and empower the people in my community with knowledge and technical skills in various technologies.

KamiLimu

2020 – 2021

I was part of the fifth Cohort of this innovative Computer Science mentorship program whose acceptance rate in 2020 was 24%.