

Sammy Kerata Oina

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Github | Website

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EDUCATION

- **Jomo Kenyatta University of Agriculture and Technology** *September. 2017 – December. 2022 (Expected)*
Bachelor of Science Mechatronics Engineering
- **Nairobi School** *December. 2016*
Kenya Certificate of Secondary Education; Grade: A-

EXPERIENCE

- **Novek** *Jan 2022 - Present*
Cloud Engineer
 - Building golang applications to support IoT devices. Built tool to parse and report on IoT devices in the field.
 - Built a dashboard aggregating data from IoT devices powered by elasticsearch to monitor devices remotely. Worked on anomaly detection and reporting to ensure optimum device uptime.

PROJECTS

- **Mavuno Link** *Aug. 2021*
Business to business platform delivering farm produce from farmers. *Github*
 - **Tools & technologies used:** Golang, Kubernetes, IBM cloud
- **EnvIoT** *Mar. 2022*
Garbage monitoring at JKUAT with IoT devices. Built a dashboard to stream and visualize data. *Github*
 - **Tools & technologies used:** Golang, Kubernetes, Google Cloud Platform, python

TECHNICAL SKILLS

- **Programming:** Go, python, C/C++, Matlab
- **Tools:** Git, Kubernetes, Docker, GCP, Azure, AWS

POSITIONS OF RESPONSIBILITY

- **Flight Control Lead, Nakuja Project** Lead designs, plan meetings and delegate responsibilities *Present*
- **IoT lead, Google Student Developer club** Organize challenges, meetups and hackathons. *Sept. 2021 - Aug. 2022*

ACHIEVEMENTS

- **Regional winner EMEA** IBM call for code for project mavuno link. *2022*

CERTIFICATIONS

- Google Africa Developer Scholarship Cloud Engineer
- IBM Call for Code 2021 Global Challenge - Middle East and Africa Regional Winner
- IBM Master the Mainframe 2020 - Level 2
- AWS Machine Learning foundations
- IBM Qiskit Certificate of Quantum Excellence
- IBM Artificial Intelligence Analyst - Mastery Award 2019