

# Abraham Jerry Kakooza

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## SKILLS

**Technical:** RHEL, Ansible, Git, IaC, DevOps, Asana, VMWare, NLP, APIs, AWS, Azure, PostgreSQL, JavaScript, Python, AD

## PROFESSIONAL EXPERIENCE

### Stanbic Bank

Kampala, Uganda

*IT Infrastructure Support Officer*(RHEL, VMware, Windows Server, Ansible, DevOps, NetBackup) June 2022 - Dec 2023

- Setup and manage a large scale hybrid cloud (AWS, Azure and On-Premises) IT infrastructure of over 500 servers using IaC tools to meet security compliance requirements, Software architect and developer needs.
- Support with various enterprise-grade open-source software(RedHat), communities, and the systems these communities use to self-organize and ship software for others such as Redhat satellite.
- Support highly available banking systems used by millions of users on a daily basis for transactions.
- Mentor and coach graduate trainee engineers and other new hires on my team

### Sector Software

NewYork, USA(Remote)

*Software Engineer* (Ruby, PostgreSQL, Javascript) June 2021 –January 2023

- Backend Software Engineer who builds, tests and administers automated tools to aggregate and integrate relevant Jobs data from various Job board platforms into the company database for cohort members to search for Jobs easily. To handle server provider limits, I built a custom DB state management script that filters out what should be added to the datastore while archiving the deleted information safely.

*Technical Interview Prep Sessions Facilitator*

March 2021 - June 2021

### OSCA(Open Source Community Africa) Kampala Chapter

Kampala, Uganda

*Community Lead*

March 2021 – Present

- Initiated and grew this community of open source enthusiasts in Uganda. I steered community partnerships with significant Tech Hubs such as The Innovation Village, Tunga, Outbox, and StartHub.

### Makerere AI Lab

Kampala, Uganda

*ML Engineer* (Python, ReactJS, APIs, MySQL,) June 2021 –June 2022

- Collected data, pre-processed, built training and inference pipelines for various NLP models such as state-of-the-art local language STT and TTS models. I also built a crowdsourcing web tool to perform TTS model evaluations.

## PROJECTS

### WePod - Open Summer of Code 2021

Brussels,Belgium(Remote)

*Student Intern* (Solid, ReactJS, Npm, APIs, Javascript, SPARQL)

July 2021

- Built a photos management application with decentralized solid pod technology for IDLab.

### IDLab (UGent - UAntwerpen - imec)

Ghent,Flemish Region,Belgium - Remote

*Contributor* (Javascript, LeafletJS)

June 2021

- Developed a new feature to visualize data points on a map for SPARQL/GraphQL queries whose linked data results had wkt strings inside them on the [comunica](#) platform.

### Undergraduate degree project thesis

*A sales recommendation engine for local pharmacies* (LSTMs, Python, RNNs)

- Developed a sales forecasting engine for various drugs that used machine learning models and previous yearly sales to come up with one-day ahead forecasts accurately.

## EDUCATION

**Makerere University- College of Engineering**

Kampala, Uganda

*BSc Telecommunications Engineering*

September 2016-December 2020

## CERTIFICATIONS

[AWS Certified Cloud Practitioner](#)

