

# 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

### Sector Software

**NewYork, USA(Remote)**

*Software Engineer* (Ruby, PostgreSQL, Javascript)

June 2021 –January 2023

- Designed the Data UX with the product team
- Identified performance issues and optimized software.
- Documented, tested code, and troubleshoot errors in the stack
- Integrated APIs into the platform
- Managed individual project priorities, deadlines, and deliverables
- Deployed fully tested code components into production

### Stanbic Bank

**Remote**

*Software Engineer, Infrastructure* (RHEL, VMware, Windows Server, Ansible, DevOps, NetBackup) June 2022 - Dec 2023

- Administered a composable IT infrastructure for Day 0, 1, and 2 operations
- Automated Linux(RHEL) and Windows server provisioning, memory management, process scheduling, and file system management in both production and test environments using Infrastructure as Code tools such as Terraform, Ansible
- Performed seamless Disaster and Backup Recovery test simulations which were verified by the Governance team.
- Delivered solutions to both the cloud(AWS and Azure) and on-premises in test and production environments.
- Built operational runbooks to improve compliance to secure engineering standards for provisioned Server infrastructure.
- Used monitoring agent recommendations from tools such as App Dynamics, Azure Arc, and Redhat Insights to remediate server security vulnerabilities, SRE best practices
- Routinely patched the Hypervisor platforms, operating systems, and other IT infrastructure software, firmware, and hardware components.
- Administered the DNS and Active Directory services ensuring streamlined user management and network authentication processes.

### Open Knowledge - Open Summer of Code

**Belgium - Remote**

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

July 2021

- Built a photo management application with decentralized solid pod technology for IDLab
- Worked and distributed tasks within a team of 4 to deliver an MVP in 3 weeks.
- Designed and presented a 60s pitch of the product on demo day
- Used open-source design principles to enable project self-sustainability

### IDLab (UGent - UAntwerpen - imec)

**Ghent, Flemish Region, Belgium - Remote**

*Contributor* (Javascript, LeafletJS)

June 2021

- Familiarised myself with the open-source codebase and identified the most suitable tool to solve the project [issue](#) raised within a week.
- Used version control tools such as Git and Github to collaborate with project maintainers.
- Sent in pull requests and reviewed code comments from project maintainers.
- Scheduled daily tasks and effectively communicated with the team using instant messaging chat rooms and during stand-ups.

### Makerere AI Lab

**Remote**

*ML Engineer* (Python, ReactJS, APIs, MySQL)

June 2021 –June 2022

- Provided the team with technical inputs for the design, building, training, and implementation of speech recognition models
- Built, trained, and refined speech and non-speech recognition models such as deep speech, keyword spotting, and performance transfer learning models.
- Constantly learned and implemented new methods and tools that improved the speed and accuracy of the machine learning models.
- Reported project progress to stakeholders, set deliverables, and considered velocity metrics to determine project timelines.
- Deployed the tested machine language models to real-world production applications and use cases

## EDUCATION

### Makerere University - College of Engineering

**Kampala, Uganda**

*BSc Telecommunications Engineering*

September 2016-December 2020

- Degree thesis: A predictive analytics sales recommendation system for pharmacies

## CERTIFICATIONS

[AWS Certified Cloud Practitioner](#)

Microsoft Azure Fundamentals AZ-900