Victor Kironde
Senior Software Engineer

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LinkedIn
Github

WORK EXPERIENCE

Microsoft

Software Engineer 2

Nairobi, Kenya | June 2022 - current

- Designing and building an end-to-end Test Automation Framework for the Microsoft Azure Portal using Typescript, React and Playwrite
- Implemented features and bug fixes to improve cross tenant experiences in the Microsoft Azure Portal

Paramount

Senior Software Engineer

Remote | May 2021 - April 2022

- Worked on designing and building a unified cloud based AI/ML Framework for executing ML tasks on video assets in the supply chain to reduce the cost of AI/ML workloads across teams
- Designed and built ETL backends to Tableau dashboards for tracking Image Availability and validating subtitles and languages for series and movies in preparation for the Paramount+ Streaming Service launch

Data Engineer

Remote | June 2017 - April 2021

- Designed and implemented batch and real-time data pipelines and ETL jobs to process billions of raw records of structured and semi-structured data in multiple formats using Spark, AWS, Kafka, Python, Scala and stored the processed data in Delta Lake storage, ensuring data availability, sanity, integrity and efficient access
- Ensured streaming jobs up-time of 99.9% while optimizing resource usage, speed and cost
- Worked with product managers and other stakeholders to understand business and data requirements and translated them into reliable and functional Tableau reports
- Migrated over 80 datasets from legacy in-house sql servers to AWS S3 and Spark Streaming to improve efficiency and reduce costs
- Developed a data catalog system used for efficient and secure access management to over 200 internal datasets
- Set up and maintained Jenkins CI/CD pipelines to efficient and reliable development and deployment of over 80 data pipeline projects
- Built data pipelines and dashboards for real-time processing of diagnostics data for the MTV Video Music Awards (VMAs) and Europe Music Awards events live streams.
- Implemented load testing of high priority real-time pipelines which informed resource provisioning and prevented issues in production

Andela

Senior Software Engineer

Nairobi, Kenya | May 2021 - April 2022

- Senior Software Engineer at one of the company's largest partners, ViacomCBS

Software Engineer

Nairobi, Kenya | September 2016 - April 2021

- Led a team of 3 developers and 1 designer that built a service to facilitate the hiring of new developers by tracking their job applications
- Worked across the development life cycle to build a web app for recording and analyzing customer sentiment, which enabled data driven decision making in the company

SKILLS

- NodeJS
- Typescript
- React
- Automated Testing
- Python
- SQL
- Apache Spark
- AWS (EventBridge, Lambda, Step Functions, SNS, SQS, CloudWatch, CloudFormation, DynamoDB, S3)
- Microsoft Azure
- ElasticSearch
- Airflow
- Docker
- Agile Development

EDUCATION

Bachelor's of Science Computer Science

University of London

April 2022 - current

Higher Diploma in Software Engineering

Aptech Computer Education

2015 - 2016

Kampala, Uganda

Deep Learning Specialization

June 2022 - September 2022

DeepLearning.ai