

# MARVIN MBITHI MBATHA

Software Engineer with 1 year of experience in building Data Pipelines and Backends

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🔗 <https://github.com/Mbatha-Marvin>

📍 Nairobi, Kenya

## SUMMARY

I am an experienced software engineer with a proven track record of developing high-quality and scalable backend applications.

While I still focus on delivering high-quality code, my biggest value-add nowadays is building high-performance applications and data pipelines.

## EXPERIENCE

### Data Engineer and Software Developer

#### MasterClass Solutions

📅 01/2023 - Present 📍 Nairobi, Kenya

🔗 <https://masterclass.co.ke>

- Developed a custom Natural Processing Language model for analyzing Swahili posts on the social media platforms like Twitter, Facebook for purposes of sentiment analysis.
- Optimized and Secured an already existing API for a Hotel Management System while creating new endpoints.
- Designed and developed a web based portal for Data Analytics and Reporting for an online marketing firm.
- Development of cloud solutions
- Technology used: Docker, Python, Django, Apache Spark, Microservices, PostgreSQL, Apache Kafka, Node

### Software Developer Intern

#### MasterClass Solutions

📅 10/2022 - 01/2023 📍 Nairobi, Kenya

🔗 <https://masterclass.co.ke>

- Worked closely with my project manager for analysis, design and coding of new enhancements in a product
- Contributed to development of 2 projects using Node and Python
- Designed processes for cleanup and performance improvement that minimized downtime by 10% in an API

## PROGRAMMING LANGUAGES

Python	●●●●●	Node	●●●●●
JavaScript	●●●●●	Dart	●●●●●
TypeScript	●●●●●	Java	●●●●●
C#	●●●●●	C++	●●●●●

## EDUCATION

### BSc Computer Science

#### Kenyatta University

📅 08/2017 - 12/2022 📍 Nairobi, Kenya

### High School

#### Mbooni Boys High School

📅 2012 - 2016 📍 Makueni, Kenya

## FRAMEWORKS

Django	FastAPI	Flask	Express
Koa	Git	Python	Airflow
AWS	Vue	Angular	Azure
Git	Docker	PostgreSQL	PyTest
Flutter	Apache Spark		
Apache Kafka	MySQL	MongoDB	
TypeScript	Google Cloud Platform		

## PERSONAL PROJECTS

### Personal Portfolio

🔗 <https://github.com/Mbatha-Marvin>

A clone of my portfolio website

- The project uses Django and Tailwind
- Other applications are still under development