Fredrick Waihenya

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WORK EXPERIENCE

Backend Engineer
Clickbanx

03/2023 - Present
Fintech startup

Achievements/Tasks
- Leading a team of developers in implementing key product features, including virtual card creation and integration with payment gateways
- Designing and implementing a scalable and secure backend architecture using Django and DRF, enabling users to manage bank cards, automate bill payments, and transfer funds
- Successfully integrated with three new payment gateways, increasing user transaction options by 50%.
- Exploring new payment gateway integrations to expand user transaction options and support additional payment methods.

Software engineer Intern
Monzo

04/2022 - 09/2022

Achievements/Tasks
- Collaborated with a team of developers to create multiple enterprise-level microservice application for online banking, payment processing , investment management, virtual credit cards and debit cards using the latest technology of Python, Django rest framework , PostgreSQL, Amazon RDS
- Design and implemented scalable transactional APIs for payment processing using Fast ApI and Django rest framework that can process over 1,000 transactions per second
- Continuous development and integration , deployment pipeline integration, pull requests, code reviews, unit/integration testing

Python Developer
Tirotech Solutions

04/2021 - 03/2022

Achievements/Tasks
- Led and collaborated with cross-functional teams to identify and solve complex technical problems as per user requirements.
- Utilized Django(Python frameworks), C# to build web applications and APIs.
- Implemented CI/CD practices to ensure regular integration and testing of code changes.
- Worked on over 100 web applications using version control systems, bug tracking tools, and testing frameworks to write clean and efficient code.
- I developed, tested and deployed web applications, ensuring high performance, reliability, and scalability

EDUCATION

Bsc. Software Engireering
Murang'a University of Technology

Murang'a, Kenya

SKILLS

`Python` `Django` `C#`

`TensorFlow ,Pytorch ,Keras, MLops`

`Docker ,Kubernetes` `AWS, GCP`

`SQL, PostgreSQL` `NoSQL, MongoDB` `Agile`

`Pytest, Unittest` `Javascript, HTML, CSS`

`Jenkins` `Redis` `Kotlin` `React`

OPEN SOURCE

Django developer
Spaceyatech ⤴

04/2022 - Present

I am currently contributing to the development of a content management system (CMS) modeled after Medium.

Tasks/Achievements
- Designing, implementing, and maintaining the CMS backend, utilizing AWS S3 bucket for media storage, Railway for deployment, and PostgreSQL for database management , and Docker for containerization.
- Implementing RESTful APIs using Django Rest Framework (DRF), collaborating with other developers to ensure high-quality code, and ensuring seamless integration with front-end components for a smooth user experience.

Junior ML engineer
Omdena ⤴

12/2022 - Present

Tasks/Achievements
- Collaborating with domain experts to define project goals, designed and implemented machine learning models to solve real-life problems, and evaluated model performance using industry-standard metrics
- Designing and implementing machine learning models to solve identified problems, evaluating model performance using industry-standard metrics and deployed solutions that made a tangible impact for organizations and communities.
- Developing expertise in machine learning and data science while contributing to meaningful projects and collaborating with talented individuals at Omdena.