Fredrick Waihenya

✉ waihenyafredrick@gmail.com   ▢ www.theaibunny.com   in linkedin.com/in/waihenya   ◯ github.com/aibunny

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), Laravel 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

TensorFlow ,Pytorch ,Keras, MLops

Docker ,Kubernetes   AWS, GCP

SQL, PostgreSQL   NoSQL, MongoDB   Agile

Pytest, Unittest   Javascript, HTML, CSS

Laravel   Jenkins   Redis   PHP

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.