FREDRICK WAIHENYA

waihenyafredrick@gmail.com | 254-759-008773 | Nairobi | **WWW:** linkedin.com/in/waihenya |
WWW: www.theaibunny.com | **WWW:** github.com/aibunny

PROFESSIONAL SUMMARY

Highly skilled and motivated Software Engineer with a passion for solving complex problems. I bring an analytical and driven mindset to every project, striving for excellence and delivering impeccable code. Experienced in a wide range of technologies, I am dedicated to achieving demanding development objectives within tight schedules.

SKILLS

- **Programming Languages:** Python, JavaScript, Go
- **Frameworks:** Django, Django Rest Framework, Flask, React
- **Containers & Orchestration:** Docker, Kubernetes
- **Cloud Platforms:** AWS, GCP, DO
- **Databases:** SQL, NoSQL
- **API Technologies:** Restful API, GraphQL

WORK HISTORY

Backend Engineer / Hasibu Systems - Nairobi, KE / 07.2023 - Current

- Mdesign, development, and maintenance of the company's software applications' backend infrastructure.
- Achieved a 10% performance improvement, 20% reduced downtime, and 27% better communication efficiency through efficient code.

Backend Engineer / Clickbanx / 03.2023 - Current

- Spearheaded a cross-functional team of developers, taking the helm as the primary backend developer, to oversee critical product feature implementations. This included creating a seamless virtual card creation process and facilitating integration with multiple payment gateways.
- Delivered a robust and secure backend architecture , empowering users to effortlessly manage bank cards, automate bill payments, and conduct seamless fund transfers.
- Achieved a remarkable 50% expansion of user transaction options by effectively integrating with three new payment gateways.

Software engineer Intern / Monzo / 04.2022 - 09.2022

- Collaborated with a team of developers to create multiple enterprise-level microservice applications for online banking, payment processing, investment management, virtual credit cards, and debit cards.
- Designed and implemented scalable transactional APIs for payment processing using Fast API and Django Rest Framework, capable of processing over 1,000 transactions per second.

Python Developer / Tirotech Solutions / 04.2021 - 03.2022

- Led and collaborated with cross-functional teams to identify and solve complex technical problems as per user requirements.

- Utilized Django (Python frameworks) 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.
- Developed, tested, and deployed web applications, ensuring high performance, reliability, and scalability.

EDUCATION

Murang'a University of Technology - Murang'a
Bachelor of Science: Software Engineering

OPEN SOURCE

Django developer, Spaceyatech
- Contributing to the development of a content management system (CMS) modeled after Medium.
- Designed, implemented, and maintained the CMS backend, ensuring high-quality code and seamless integration with front-end components.

Junior ML engineer, Omdena
- Collaborated with domain experts to define project goals and designed and implemented machine learning models to solve real-life problems.
- Deployed solutions that made a tangible impact for organizations and communities.

LANGUAGES

Swahili, English: Native language