

# Fredrick Waihenya

## 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.

## Work History

### Hasibu Systems - Backend Engineer

Nairobi, KE

07/2023 - Current

- Spearheaded the design and development of the company's proprietary software application's backend infrastructure, successfully managing and optimizing services for up to 300 businesses.
- Drove the efficient maintenance of the company's backend infrastructure, overseeing critical functions such as invoice processing, collections, and real-time user tracking. These enhancements resulted in a remarkable 60% boost in performance tracking, greatly benefiting the company.
- Demonstrated exceptional technical prowess by delivering a significant 10% increase in system performance, achieving a remarkable 20% reduction in downtime, and optimizing communication efficiency by an impressive 27% through the implementation of highly efficient code practices.

### Clickbanx - CTO /Backend Software Engineer

03/2023 - Current

- As the Chief Technology Officer and Backend engineer, I lead a dynamic cross-functional team of developers, steering the ship in delivering critical product features. This includes overseeing the creation of a seamless virtual card generation process and orchestrating the seamless integration with multiple payment gateways, including local payment methods like M-Pesa.
- I architected and delivered a robust and secure backend infrastructure, empowering users to effortlessly manage their bank cards, automate bill payments, and execute seamless fund transfers. This resulted in a notable 30% reduction in user support requests due to improved user experience and transaction reliability.
- Through effective implementation, I successfully expanded user transaction options by an impressive 50% by seamlessly integrating with three new payment gateways, including local options like M-Pesa. This enhanced our reach and provided users with versatile financial capabilities while contributing to a 20% increase in user engagement and transaction volume.

### Monzo - Software engineer Intern

04/2022 - 09/2022

- As an intern at Monzo, I collaborated within a dynamic team of developers, contributing to the development of enterprise-level microservice applications spanning various financial domains,

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🔗 [Bold Profile](#)

🔗 <https://github.com/aibunny>

🔗 <https://www.theaibunny.com/>

🔗 <https://www.linkedin.com/in/waihenya>

## Skills

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

## Education

### Murang'a University of Technology

Murang'a

Bachelor of Science: Software Engineering

including online banking, payment processing, investment management, and advanced virtual credit and debit card solutions.

- My role encompassed the design and implementation of highly scalable transactional APIs for payment processing. By leveraging contemporary technologies, I engineered solutions with the capacity to seamlessly process over 1,000 transactions per second. These achievements underscore my commitment to innovation and technical excellence, demonstrating my valuable contributions to the Monzo team.

### **Tirotech Solutions - Python Developer**

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) and Gin (Go framework) 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 this reduced business churnrate to 2%

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### ***Languages***

**Swahili, English:** Native language