

IAN BWANA

SOFTWARE ENGINEER

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SKILLS

Programming Languages:

Python, JavaScript

Data Processing and Storage:

SQL server, Oracle, PostgreSQL, MongoDB,
Redis, RabbitMQ

Infrastructure:

Docker, Nginx, Gunicorn, Azure, AWS,
DigitalOcean, Github Actions, BigQuery

Tools & More:

Git, HTTP, RESTful API Design, Agile
methodologies, Engineering Leadership

EDUCATION

BS

Information Systems and Technology
United States International University -
Africa
2012 - 2016,
Nairobi, Kenya

EXPERIENCE

SOFTWARE ENGINEER

Community Phone Company
Boston, MA (Remote)
2021 - present

- Worked with product team to rearchitect backend platform, making it more robust, performant and fault tolerant
- Constructed the logic for a revamped shipping and delivery platform that increased fulfillment efficiency by 30%
- Refactored the logic for subscription management saving the company up to USD 100,000 per year
- Wrote tests for existing software and refactored the captured bugs increasing efficiency by 15%.

SENIOR SOFTWARE ENGINEER

Sky.Garden
Nairobi, Kenya (Remote)
2018 - 2021

- Worked with product team to rearchitect multi-page web app into single-page web app, boosting page speed by 77%
- Led the mobile application development team in building, testing and maintaining 3 mobile applications on the google play store and one the apple app store
- Led technical presentations with potential investors and partners regarding the various capabilities and features of the company's mobile applications
- Built RESTful APIs that concurrently handled up to 250,000 user servicing multiple dynamic requests

JUNIOR SOFTWARE ENGINEER

Djuaji
Nairobi, Kenya
Jul. - Nov 2017

- Implemented numerous hotfixes for critical issues arising between Agile sprints.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Employed debugging tools to promptly correct code issues.