

# IAN BWANA

## S O F T W A R E   E N G I N E E R

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### SKILLS

#### Programming Languages:

Python, JavaScript

#### Data Processing and Storage:

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

#### Infrastructure:

Docker, Nginx, Unicorn, 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%.
- Wrote 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)  
Dec 2018 - Dec 2021

- Worked with product team to rearchitect a 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 users 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..