

# PATRICK KIMANJE

SOFTWARE ENGINEER- COMPUTER SCIENCE

dr.kimanjepatrick@gmail.com

256-750-461002

www.drkimpatrick@netlify.com

## ABOUT ME

---

**Technical Skills** Nodejs, Python, TypeScript, MongoDB, Aggregation Framework, Git, React, Redux  
Docker, Flask, Express, CI/CD, Cloud computing, PostgreSQL, HTML/CSS, TDD, Micro-services  
**Soft Skills** Communication, Teamwork, Adaptability, Problem-Solving, Creativity, Work Ethic

## WORK EXPERIENCE

---

### Cognitive insights

Back-end developer

(June 2019 - Now)

- Wrote scalable micro-service based API and deployed them at scale on AWS platform.
- Implemented the back-end API of the app that connects clients to service providers in Nodejs/TypeScript/MongoDB
- Wrote scripts that automated the repetitive tasks in the system such as generating weekly reports

### Andela

Full stack developer

(August 2018 - may 2019)

- Collaborated in distributed teams in (USA, Kenya, Uganda, Nigeria) on various software projects while utilizing various collaboration platforms such as zoom, slack, google calendar, git etc..
- Worked as a mentor in the women in tech program aimed at inspiring women into tech

### A23labs

Full stack developer

(march 2017 - July 2018)

- Wrote clean, clear and well-tested code for various projects in Nodejs/Express/Mongodb/Flask.
- Collaborated on all stages of the systems development lifecycle, from requirements gathering to production releases.

## SOFTWARE PROJECTS

---

### Unclebob

(May 2019)

- Developed Api using Nodejs/MongoDB/Typescript that conveniently connects service providers to clients
- Containerized apps with Docker and deployed them at scale on AWS
- Utilized: Node/Express, MongoDB, Joi, Socket.io, logging, AWS, Docker, Typescript, JsDocs, Multer, AWS

### Easy Dial

(March 2017 - july 2018)

- Contributed to the survey service app based on USSD technology using python/flask React
- Redesigned the frontend of the EasyDial app in React/Redux and styled-components
- Utilized: Python/Flask, React, Node/Express, CI/CD, PostgreSQL

### Authors Haven

(August 2018)

- Designed React app components and implemented scripts to enhance the user experience
- Wrote scripts in python/Django to power the back-end functionality
- Utilized: Python/Django, Django Rest-frame work, React, CI/CD, Heroku, Unit-testing, Bootstrap

### Banka

(January 2019)

- Developed the API Front-end of Banka, a light-weight core banking application that powers banking operations
- Developed an interactive web application as a single page application using vanilla js
- Utilized: Node/Express, PostgreSQL, SQL, CI/CD, Heroku, JavaScript, CSS, Html, web-api

### Carpool

(May 2018)

- Developed an application that provides drivers with the ability to create ride offers and available passengers to join
- Utilized: SQL, PostgreSQL, JavaScript, Python/Flask, CI/CD, Heroku

## EDUCATION

---

### Makerere University

(August 2017- August 2018)

- Bachelor of Computer Science