PATRICK KIMANJE
SOFTWARE ENGINEER- COMPUTER SCIENCE

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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

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WORK EXPERIENCE

AWS Educate Student Ambassador
Cloud computing   (April 2020 - Now)
- Early access, under NDA, to AWS services and providing feedback to AWS team
- Participate in a monthly AWS Educate update call, ensuring up-to-date information on the latest AWS Educate features
- Participation in AWS thought leadership via blog posts, webinars, training events, and more
- Introduce AWS Educate in communities and reporting progress

Cognative insights
Back-end developer   (June 2019 - March 2020)
- Wrote scaleable 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

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)
- Application enabled vehicle owners to create ride offers for available passengers to join
- Utilized: SQL, PostgreSQL, JavaScript, Python/Flask, CI/CD, Heroku

EDUCATION

AWS Educate   (April 2020 - Now)

DevOps Engineer

- DevOps and Network Architecture
- Operating Systems and Virtualization

Udacity   (Nov 2019 - Feb 2020)

Cloud developer

- Develop and Deploy a Serverless Applications
- Refactoring Monolith apps to Microservices and deploying them at Scale

MongoDB University   (March 2019 - Now)

- MongoDB for Javascript Developers
- MongoDB aggregation framework

Makerere University   (August 2017- August 2018)

- Bachelor of Computer Science