Gideon Bamuleseyo

Software Engineer

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JavaScript, Typescript, Python, Go
React, Node, Express, Flask, Django,
Mongo, Postgres
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EXPERIENCE

Ramani (Y Combinator-backed), Dar Es Salaam- *Senior Software Engineer* June 2020 - Present
Tech Stack: Node, Express, React, Redux, Firebase, Mongo, Redis, Bull queue, Heroku
- Built core features for our APIs and web Dashboard promptly, allowing us to sign customers and secure funding.
- Migrated a 2-year-old production Database with over 150k documents from Firebase firestore to MongoDB
- Wrote powerful dynamic mongo aggregation queries to power a reporting tool.
- Reduced customer onboarding time from 1 day to less than 5 minutes by automating the registration of Virtual Fiscal Devices to the Tanzanian Revenue Authority system.
- Lead the end to end development of a procurement application system.
- Added error monitoring tools to all Ramani applications that improved our time to triage by over 100%.
- Improved query response time by 95% by caching API responses using Redis. For example on one API, the original response time was 13.28s, and the new time after adding Redis was 706 ms.

Facebook (Meta), Kampala - *Developer Circles Kampala Community Lead* September 2018 - March 2021
- Managed and grew the Developer Circles Kampala online community from 100 to over 2000 members
- Worked with the Global Developer Programs team at Facebook as an overall advisor for the Developer Circles program.
- Organized 46 technology-related, meetups, and events with an average attendance of at least 50 people.

Andela, Kampala - *Software Engineer* July 2018 - March 2020
Tech Stack: Flask/Python, Postgres, React, Redux, Redux-thunk, Jest, Enzyme, Pytest, Heroku, Node
- Developed a maintenance issue reporting and tracking application
- Collaboratively worked with a team of 5 to develop a blogging application in 12 weeks.
- Remotely managed progression of 10 developers in the Kigali Andela office over 2 months by mentoring them in teams using a simulated project

iBuild Global, Washington DC - *Remote Software Engineer* June 2019 - January 2020
Tech Stack: React, Angular, Redux
- Improved iBuild Dashboard's loading time by 8.4% by resizing assets and optimizing code.
- Improved code maintainability by adding documentation to the codebase, and refactoring the code.

Kola Studios, Kampala - *Software Engineering intern* January 2017 - February 2018
Tech Stack: Objective C, Swift, Java/Android,

- Developed an iOS grocery shopping application.
- Developed features for an Android application that enables users to book car washes

PROJECTS

Tunga - *Contributor*
- Added features to the [Tunga](#) front-end application
- Identified and documented issues, anti-patterns, and solutions in the front-end codebase

Corona Tracker Uganda - *Owner and contributor*
- Built a simple [web app](#) to let Ugandans see the corona numbers at a glance

AWARDS AND HONORS

May 2019 - Finalist, F8 2019 Hackathon; San Jose, USA ([DEVPOST link](#))

EDUCATION

Makerere University, Kampala - *(BSc), Computer Science* August 2014 - June 2019