

# GIDEON BAMULESEYO

**Email:** gideonbamuleseyo@gmail.com | **Phone:** +256 752 229343

**Links:** [Github](#), [Linkedin](#), [Personal Website](#)

**Programming languages:** JavaScript, Typescript, Python

**Tech skills:** React, Node, Express, Flask, Django, Next, Nest, Mongo, Postgres, Redis, Styled Components, Material UI, Tailwind CSS, Redux, AWS Glue, S3 bucket, Pyspark, Delta Tables

## PROFESSIONAL WORK EXPERIENCE

### Lead Web Developer

January 2022 - Present

**Ramani (Y Combinator-backed)** – Dar es Salaam, Tanzania

Tech Stack: Node, Express, React, Redux, Firebase, Mongo, Redis, Bull queue, Heroku, Postgres

- Reduced customer onboarding time from days to less than 1 hour by automating the registration of Virtual Fiscal Devices to the Tanzanian Revenue Authority system a core component in onboarding.
- Lead the end-to-end development of a procurement application system.
- Added error monitoring tools to all Ramani applications that accelerated our time to triage errors from days or hours to under 30 minutes.
- 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 the Redis cache was 706 ms.

### Founding Software Engineer

June 2020 - January 2022

**Ramani (Y Combinator-backed)** – Dar es Salaam, Tanzania

Tech Stack: Node, Express, React, Redux, Firebase, Mongo, Redis, Bull queue, Heroku, Postgres

- Built core features for the backend and frontend promptly, allowing us to sign over 5 major brands as our customers including Coca-Cola Tanzania, and secure VC funding of over 7 million US dollars.
- Migrated a 2-year-old production Database with over 150k documents from Firebase Firestore to MongoDB
- Wrote powerful Mongo aggregation queries to power a reporting tool whose data visualization has helped most of our customers grow their production by at least 2x.

### Senior Software Engineer

November 2022 - February 2023

**Australian Settlements Limited (ASL)** – Sydney, Australia

Tech Stack: Python, Pyspark, AWS Glue, S3 bucket, Delta Tables,

- Built AWS Glue ETL pipelines for Direct Entry files to settle payments.
- Wrote scripts to validate Direct Entry files by checking for file types and file content using Regular Expressions

### Developer Community Lead

September 2018 - March 2021

**Facebook (Meta)** – Kampala, Uganda

- 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.

### Software Engineer

July 2018 - March 2020

**Andela** – Kampala, Uganda

Tech Stack: Flask/Python, Postgres, React, Redux, Redux-thunk, Jest, Enzyme, Pytest, Heroku, Node

- Collaboratively worked with a team of 5 to develop a blogging application in 12 weeks.
- Remotely managed the progression of 10 developers in the Kigali Andela office over 2 months by mentoring them in teams using a simulated project
- Built maintenance and issue reporting and tracking application

## Software Engineer

June 2019 - January 2020

iBuild Global Inc – Washington DC, USA

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.

## Software Engineering Intern

January 2017 - February 2018

Kola Studios – Kampala, Uganda

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

Corona Tracker Uganda,

April 2020

- Built a simple [web app](#) to view verified and latest corona cases and news in Uganda.

Contributor

December 2019 - January 2020

Tunga

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

## AWARDS AND HONORS

- May 2019 - Finalist, F8 2019 Hackathon; San Jose, USA ([DEVPOST link](#))
- August 2014 - Uganda government Makerere University merit scholarship

## EDUCATION

Makerere University – Kampala, Uganda

August 2014 – June 2019

BSc (Hons) Computer Science