# GIDEON BAMULESEYO

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

**Programming languages:** JavaScript, Typescript, Python, Go
**Tech skills:** React, Node, Express, Flask, Django, Next, Nest, Mongo, Postgres

## PROFESSIONAL WORK EXPERIENCE

**Senior Software Engineer** <div align="right">**June 2020 - Present**</div>
**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.
- 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.

**Developer Community Lead** <div align="right">**September  2018 - March 2021**</div>
**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** <div align="right">**July  2018 - March 2020**</div>
**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 progression of 10 developers in the Kigali Andela office over 2 months by mentoring them in teams using a simulated project
- Built a maintenance and issue reporting and tracking application

**Software  Engineer** <div align="right">**June  2019 - January 2020**</div>
**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** <div align="right">**January  2017 - February 2018**</div>
**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