

Rutakayile Samuel

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in /sam-rutakayile

/rutaks

rutaks.github.io

Education

Adventist University Of Central Africa

Bachelors in Software Engineering. (Grand Distinction)

2016 – 2021

Experience

Irembo

Software Engineer

Jul. 2021 – Present

Tech company with a goal to make Rwanda a digital society through the means of e-governance & online payments.

- > Redesigned internal SMS & Mail notification service to allow dynamic switching of service providers; allow service status checks, insightful logging & system monitoring
- > Improved build time & deployment of platform's frontend by 2mins using DockerHub, GitHub Actions & separating configs from codebase to allow a faster delivery for different environments.
- > Assisted in the workflow design & integration of monitoring a user's journey in frontend application through the use of Google Tag Manager
- > Developed custom internal analytics tool to track employee's SLA & overall performance through the use of SOLR search engine & Angular

Awesomity Lab

Software Developer

Aug. 2019 – Jul. 2021

Software development company based in Kigali, specialized in Mobile & Web Apps.

- > Designed & Constructed API & gamification integration for an Ed-Tech platform built in Java; optimized API search queries from a response time of 2s to 100ms per request.
- > Lead in the development of mobile application & backend (in React Native & NestJS respectively) for a FinTech platform assisting lower income minorities in financial inclusion through automated savings, financial contributions & insightful analytics & trainings.
- > Developed an automated shift scheduling Desktop application (in Electron) for Ride Hailing company. Application assisted in the automated allocation of riders to a specific car in a specific slot throughout a determined period.

International School of Kigali (ISK)

Digital Art Teacher's Assistant

Sept. 2017 – Mar. 2018

An independent, co-educational, English-medium K-12 school in Kigali.

- › Taught basics of graphic design & digital art.
- › Taught various graphic design tools such as Photoshop & Illustrator
- › Assisted students in creation of digital art

Programmage LTD

Junior Web Developer & Graphic Designer

Nov. 2014 – May 2015

A Rwandan based software & multimedia outsourcing company.

- › Worked with clients in the conception & implementation of mockup designs
- › Developed & Maintained CMS Web Applications created in WordPress

Projects

TypeORM Query Builder Extended

<https://github.com/rutaks/typeorm-query-builder-extended>

A Typescript package that transforms request queries into typeorm SQL queries.

Gnor

<https://github.com/rutaks/gnor>

CLI tool that eases the setup of a git repo locally and remotely on your online version control system in an automated process.

Algorithm Visualizer

<https://github.com/rutaks/algo-visuals>

Web app for visualizing steps taken during an algorithm operation in an interactive & customizable manner.

Certification

IBM Security Intelligence Engineer - Mastery Award

<https://www.credly.com/badges/0112262a-c3c1-4737-b4c8-7a8dbf761681>

2018