

Karekezi Caleb Buhungiro

Senior Full Stack Developer

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PROFILE

Full stack developer with 9 years of experience designing, building and shipping production software across web, mobile, backend and infrastructure. Recent focus on leading small engineering teams, architecture decisions for systems serving thousands of users, and owning cloud deployments across Azure and AWS.

EXPERIENCE

Senior Software Developer

Mar 2023 - Present

Finology Sdn Bhd, Malaysia

- Lead a team of 5 engineers — 2 frontend, 3 backend — setting code standards and code review practices across the group.
- Decided the architecture of a product now in production, serving thousands of users across health and automotive insurance.
- Provision and operate Kubernetes workloads on Azure Kubernetes Service, covering deployments, scaling and ingress configuration.
- Deploy and maintain services on AWS EC2 and Lightsail, balancing cost and performance across environments.
- Set up GitOps continuous delivery with ArgoCD and CI/CD pipelines across Azure and AWS, with monitoring and alerting that improved deployment reliability and reduced downtime.
- Build a cross-platform Flutter application for Android and iOS from a single codebase, integrated with existing backend APIs to bring mobile users full feature parity with web.

Full Stack Developer

Apr 2022 - Mar 2023

Luxoft, Malaysia

- Contributed to a global hospitality and real estate booking platform for a US-headquartered client with branches across multiple international markets.
- Built and maintained Python backend services powering property listings, room availability and booking workflows for a multi-region user base, and developed reusable React components for the listing and booking interfaces.
- Helped migrate a monolithic application to a microservice architecture, improving scalability and deployment independence.

Full Stack Developer

Mar 2019 - Apr 2022

Finology Sdn Bhd, Malaysia

- Developed dashboards for an insurance purchase and management platform bridging banks and insurance providers.
- Built microservices with Java / Spring Boot; handled deployments for AWS-hosted applications.
- Developed UIs with React.js and TypeScript; managed Linux servers and automation scripts.
- Ensured application security and integration across multiple APIs and databases, partnering with PMs, developers and QA on testing and best practices.

Full Stack Developer, Freelance

Jul 2017 - Mar 2019

Self-Employed, Rwanda

- Delivered projects for clients including Never Again Rwanda (NAR) and the Peacebuilding Institute (PBI), working with Laravel, Drupal and WordPress.
- Built front-end and back-end features with Bootstrap, Material CSS, Express and Node.js, with unit and integration tests using Jest, Mocha and Jasmine.

SELECTED PROJECT

HatodNow — Solo project

2026

- Designed, built and deployed a food delivery platform for my hometown in Negros Occidental, now running in production at hatodnow.net: a Laravel API and admin panel, two Flutter apps for customer and rider, live order tracking, Google sign-in with SMS verification, and cash-on-delivery checkout.

CORE STACK

Languages	JavaScript, TypeScript, Java, Python, PHP, Dart, C++, Bash
Frontend	React, Vue, HTML, CSS, Tailwind, Bootstrap
Backend	Node.js, Spring Boot, Laravel, Django, REST APIs
Mobile	Flutter (iOS & Android)
Cloud	Azure, Azure Kubernetes Service, AWS (EC2, Lightsail)
DevOps	Docker, Kubernetes, ArgoCD, GitOps, Travis CI, CircleCI, Linux
Databases	PostgreSQL, MySQL, MongoDB
Game dev	C++, Unreal Engine

EDUCATION

Bachelor of Science University of Rwanda

2013 - 2017

MPC Lycée de Kigali — Mathematics, Physics and Computer Science

2009 - 2012