

AIMABLE RUHUMURIZA

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SUMMARY

Passionate Software Engineer with 10+ years of experience in developing large scale web applications and backend systems. Skilled at writing clear, concise code that is easy to maintain and troubleshoot. Experienced in working with both small and large teams across multiple projects and companies. Able to work independently, in a hybrid, or remote settings.

EXPERIENCE

Senior Software Engineer

MICROSOFT

11/2021 - Present NAIROBI, KENYA

- Led a team of 5 engineers in development, of a new feature available for both Office.com and SharePoint.com which significantly improved customer experience and coverage when searching around a specific person by 30%
- Collaborated with the UX/UI design teams to improve the website and applications, increasing conversion rates by 15%
- Helped the team to maintain and improve code quality by providing constructive code reviews, and guidance on best practices and coding standards resulting in shipping high quality code as well as foster a collaborative and growth-oriented environment
- Created the specifications document for the overview feature, which offered guidance on requirements and needed experiments, which led to streamlined development, ensured accurate feature delivery
- Worked on accessibility requirements by collaborating closely with the accessibility team, resulting in passing UI accessibility with a score of 90%

Software Engineer

COMZAFRICA LTD

05/2013 - 10/2021 KIGALI, RWANDA

- Designed, and delivered robust airtime credit service solution (backend & frontend) which provides customers airtime on credit, improving service offering and revenue by 15% on average
- Developed a web application for loan protection, fueling insurance companies and their partnering banks to streamline the process, eliminate manual paperwork, track premium payments, and enhance operational efficiency by 25%
- Delivered multiple REST and GraphQL APIs, revolutionizing third-party integration with existing systems and significantly enhancing connectivity and efficiency
- Implemented performance tuning techniques on the back-end queries which resulted in 35% improvement in application performance
- Spearheaded the revamp of our old tech stack to Spring Framework which boosted the development productivity by 25% and enhanced our overall system scalability

IT Manager / Software Developer

SONARWA LIFE ASSURANCE LTD

01/2011 - 05/2013 KIGALI, RWANDA

- Automated brokers and agent payments, resulting in faster and more accurate payments, which enhanced overall efficiency by 15%
- Designed, developed, and implemented claims management module, which streamlined the claims process, improved accuracy, and reduced claim resolution time from 3 months to 1 week
- Led technology selection, applications rollout, and monitoring, which streamlined operations, optimized resource allocation, and resulted in successful implementation that aligned with organizational objectives

TECHNICAL SKILLS

Frontend

HTML CSS Javascript Typescript
React.js Next.js TailwindCSS
Bootstrap Jest

Backend

Java J2EE Spring Boot Node.js
Express.js NestJS Nginx Apache
Linux GraphQL API Restful API

Database

MySQL PostgreSQL MongoDB
DynamoDB CosmosDB Redis
Firebase

Cloud computing

AWS Azure

Version Control and DevOps

Git GitHub GitLab Docker

SOFT SKILLS

Problem Solving

Communication

Creativity

Collaboration

LANGUAGES

English Proficient

French Proficient

EXPERIENCE

Head of Software Development

RITC/KIST

📅 05/2009 - 05/2011 📍 KIGALI, RWANDA

- Designed and developed various internal applications and modules, including a student registration web application and an OLPC project inventory system
- Led a team of 5 people covering every new innovative product of the organisation
- Supervised and assigned work to technical personnel while mentoring junior developers and engineers

EDUCATION

Bachelor's Degree in Computer Science

Univertisty of Rwanda

📅 2005 - 2009 📍 Huye

TRAINING / COURSES

Architect Enterprise Applications with Java EE

KOENIG Solutions Pvt. Ltd

Learning Spring with Spring Boot

LinkedIn Learning

Modern React

Netninja - <https://netninja.dev/>

Complete Node.js Course

<https://codewithmosh.com>

Ultimate TypeScript Course

<https://codewithmosh.com>

Become a React Developer

LinkedIn Learning

Full-stack Application with Spring Boot & React.js

Udemy

React: Using Typescript

LinkedIn Learning

React.js: Creating & Hosting Full-Stack Site

LinkedIn Learning

Mastering React

<https://codewithmosh.com>

Node.js API Masterclass with Express & MongoDB

<https://www.traversymedia.com/>

Node.js Crash Course

Netninja - <https://netninja.dev/>

FIND ME ONLINE



Social Network

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AWARDS / HACKATHONS



Microsoft Global Hackathon 2023 - Participant