

James Higiرو

✉ jameshigiرو@gmail.com

🏠 city :Kigali
country: Rwanda

☎ 783714896

A Languages

English

Kinyarwanda

🏆 Summary profile

Experienced software engineer with 2 year experience. Strong background in algorithm development and proficiency in multiple programming languages. Proven ability to deliver software solutions in a fast-paced environment. Skilled in software development principles, eager to continue honing skills and contributing to innovative software development projects.

💻 Technical skills

Languages

- TypeScript
- JavaScript
- Java
- dart
- python

Libraries and frameworks

- React.js
- Node.js(Express.js)
- SpringBoot
- flutter
- flusk

Database

- MongoDB
- Firebase
- PostgreSQL
- MySql

Project Management Tools

- Git
- Github
- Trello
- Azure DevOps

Continuous integration

- Travis CI & GitHub Actions

Education

From September 2018 to November 2022
A Bachelor of software engineering
Adventist university of East and Central Africa (AUCA) Kigali, Rwanda

Software engineering

From September 2022 to April 2024
Masters of science in information technology
CARNEGIE MELLON UNIVERSITY AFRICA Kigali, Rwanda

Software Engineering
Data Science

From June 2020 to March 2021
Training
Andela Bootcamp Rwanda, Kigali

From 2022 to 2023
Certification
Udemy

- The Complete Flutter & dart Developer Course (2023 Edition)
- The Complete Node JS Developer 3rd Edition
- Registered Scrum master
- Certified Scrum Developer

Work experience

From April 2024 to October 2024
Software Engineer
Teamflow GmbH Rwanda

- Backend Development(azure function app)
- web development

Since October 2023
Research assistant
Carnegie Mellon University Africa Kigali, Rwanda

- Development of a synthetic data generator
- Usage of Generative Adversarial Network
- Data cleaning and pre processing

From January 2023 to August 2023
Software engineer
TUZAride

- using Flutter, designed and developed the innovative 'TUZAride' mobile application platform, enabling users to effortlessly book professional drivers on-demand.
- Employed React for frontend web development and TypeScript with Node.js for backend implementation
- Designed UI using Figma
- Used Trello for project management
- Git for version controlling
- Integration of Continuous Deployment
- Deployed ios and android and web-app

From January 2022 to March 2022
Software engineer
Ishyiga Algorithm Inc. Rwanda, Kigali

- * Worked on several projects, including creating web applications and services
- * Gained valuable experience in software development and honed programming skills
- * Gained valuable experience in java(spring boot)
- * Responsibilities included designing and implementing software solutions, debugging and troubleshooting code, and collaborating with cross-functional teams

Practicum experience

From September
2023 to April 2024

Backend developer & AI

Centre for fourth industrial revolution(C4IR) Rwanda, Kigali

- Development of document navigator and insight extractor chatbot system
- Leveraged the langchain technology to create a suitable and faster way of generating response to user's queries
- Typescript/node js to efficiently store the the documents in the database
- Decreased the response time of user's query to between 4-9s

Personal Skills and strengths

- 1. Adaptability** Being able to adapt to changes in the workplace
- 2. Customer Service** interact positively with customers, providing them with exceptional service
- 3. Creativity** Showing the capacity to think outside the box and come up with innovative solutions
- 4. Attention to Detail** reviewing and checking work for accuracy, ensuring that all relevant information is considered.

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GitHub <https://www.github.com/JamesHigiro?tab=repositories>

Linkedin <https://www.linkedin.com/in/james-higiro>

Portfolio <https://www.higiroj.com/>