



IYERA DAVID

software Developer



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Kigali Rwanda 79



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EDUCATION

Bachelor of Science in [Software Engineering](#)

Adventist University of Central Africa

2024 - current

High School Diploma in [math, physics and computer science](#)

kayonza Modern Secondary

2020 - 2023

EXPERTISE

- APIs
- Back-end development
- Front-end development
- Node.js
- Python
- PHP
- Java (spring boot)
- Ruby on rails
- Flask
- Yii2
- C, C++
- React.js
- Angular
- Material UI
- Tailwind
- Mysql & PostgreSQL
- dockerization
- Git workflow
- System architecture
- System integration
- Dicom, PACS, EHR, viewers
- Artificial Intelligence
- Machine learning

SUMMARY

Motivated and self-taught software developer with a passion for continuous learning and improvement. Seeking a challenging role in a high-paced environment where I can contribute my skills in both front-end and back-end development to create impactful digital solutions.

EXPERIENCE

Full Stack Software Developer

2024(Nov) - current

Eazylink | Kigali, Rwanda (Remote)

- Developed and maintained full-stack web applications using JavaScript, React, and Node.js, enhancing user experience and functionality.
- Pioneered the adoption of containerisation technologies like Docker, enhancing development efficiency and reducing environmental discrepancies.
- Collaborated with cross-functional teams to define, design, and deploy new features, improving product performance and customer satisfaction.
- Architected scalable cloud solutions using AWS services, facilitating cost-effective scaling and robust disaster recovery strategies.

Full Stack Software Developer

2024(Jan) - current

wiredin | Kigali, Rwanda (Head Office)

- Implemented robust systems leveraging capabilities of React.js, Angular, Python, Node.js and PHP.
- Implement reporting and invoicing for one of their multi-institution customer feedback collection products.
- Optimized SQL queries with indexing and efficient JOINS for faster execution.
- Applied caching and API best practices to boost response time.
- Documented technical specifications and project progress, ensuring clear communication among team members.
- Partner with various departments to provide targeted digital services.

KEY ACHIEVEMNTS

- Optimized deployment speed by 23% using Dockerization at EazyLink.
- Boosted customer satisfaction by developing v2 of NFC business card with feature enhancements at EazyLink.
- Achieved 96% uptime using AWS solutions at Mubuga Bio Coffee.
- Reduced project delivery time by 15% using agile methodologies at WiredIn.

LANGUAGE

- English
- kinyarwanda

Software Developer Intern

2023(Sep) – 2023(Dec)

wiredin | Kigali, Rwanda (Head Office)

- Assisted in the development of backend systems and integration of APIs
- Gained practical experience in system architecture and software deployment

Freelance software Developer

2022(Jun) – 2023(Aug)

Mubuga Bio Coffee | Kigali, Rwanda (Remote)

- I developed, Designed and maintained their website to promote their coffee products.
- Implemented backend system using Spring Boot and Filebase for seamless data synchronization.
- Enabled automatic updates to the website through their portal for real-time content management.
- Ensured smooth performance and reliability of the website with regular maintenance.
- Delivered software solutions that met project timelines and client requirements.

CERTIFICATION

Machine Learning Certificate – SoloLearn

2021

Focused on foundational concepts of machine learning, including algorithm development, data preprocessing techniques, and practical applications.

PROJECTS

Medical Imaging Viewer

IN DEVELOPMENT

I am Currently developing a medical imaging viewer using open-source technologies. This system aims to streamline and enhance the workflow for hospitals, clinics, and health research institutions by allowing them to access and analyze medical images such as MRI, CT scans, and X-rays remotely. By integrating with imaging devices, the system enables faster, more efficient diagnosis and patient care, all within a single, unified platform.