

# SHYAKA Aime

## Software Engineer

Kigali, Rwanda | +250780085493 | shyakaaime25@gmail.com | aimebrues.netlify.app | linkedin.com/in/shyaka-aime-64670a28a | github.com/SHYAKA-Aime

## SUMMARY

---

A Software Engineer with a solid foundation in building dynamic web applications and systems. I am Experienced in creating user-friendly interfaces and implementing scalable back-end applications. Skilled at utilizing modern frameworks and tools to deliver high-quality results, including AI engineering with LLMs, RAG pipelines, and NLP tooling. Passionate about learning and contributing to innovative projects in a collaborative environment.

## EXPERIENCE

---

### Full Stack Developer

Sep 2024 to Feb 2026

*ITARA IQ*

Contributed to the development of dynamic applications with a focus on backend and frontend integration.

- Built and optimized Django REST Framework APIs, implementing secure authentication and efficient PostgreSQL database operations.
- Built interactive React interfaces that connected directly to those APIs, closing the loop between frontend and backend.
- Worked within agile sprints using Git for version control and code review.

### Junior AI Engineer

Dec 2024 to Apr 2025

*afriGen AI*

Built AI-powered applications and designed and delivered NLP/LLM workshops for students.

- Built a Kinyarwanda-language chatbot using the OpenAI API, LangChain, and a RAG pipeline with a vector database for context-aware, locally grounded responses.
- Developed a sentiment analysis system on the Sentiment140 dataset, comparing RNN, LSTM, and Transformer-based models on accuracy, F1 score, and inference speed.
- Built a multilingual character-level RNN name generator producing language-conditioned names from a given starting letter.
- Designed and delivered workshops on tokenization, model architectures, fine-tuning, and practical AI tooling using HuggingFace Transformers and LangChain.

### Software Engineer

Feb 2024 to Sep 2024

*ANDELA*

Worked on building and maintaining scalable web applications, focusing on both backend and frontend development.

- Built APIs and services with Express.js, Node.js, and TypeScript across PostgreSQL and MongoDB, integrating GraphQL for flexible data querying.
- Designed and implemented React interfaces, working from Figma designs through to production UI.
- Wrote unit and integration tests with Jest and Mocha/Chai to catch regressions before deployment.
- Shipped through CI/CD pipelines and Git-based agile workflows alongside peer code review.

## Frontend Developer

Nov 2021 to Jan 2023

### *NDINDA Design*

Redesigned NDINDA's website, improving page load speed by 35%. Added interactive features, increasing visitor engagement by 25% and making it easier for users to explore company services.

## EDUCATION

---

### Software Engineering

*African Leadership University*

## SKILLS

---

- Full-Stack: React, Node.js, Express.js, Django, Django REST Framework, GraphQL
- Mobile: Flutter, Dart (iOS & Android)
- AI & Machine Learning: Python, LangChain, RAG, HuggingFace Transformers, OpenAI API, Anthropic API, Vector Databases (Chroma, Pinecone), NLP, RNN/LSTM/Transformer architectures
- Frontend: HTML, CSS, JavaScript, TypeScript, Figma
- Backend & Databases: Python, PostgreSQL, MongoDB
- Tools & Practices: Git, CI/CD, Agile Development, Testing (Jest, Mocha/Chai)
- Soft Skills: Problem-Solving, Communication, Team Collaboration

## LANGUAGES

---

English (Fluent)

Kinyarwanda (Native)

## CERTIFICATIONS AND LICENSES

---

JavaScript Algorithms and Data Structures certificate by freeCodeCamp - freeCodeCamp (2024)

Andela Technical Leadership Program - Andela (2024)

Flutter and Dart: Developing iOS, Android, and Mobile Apps, IBM (Issued Jul 2026), Credential ID 1IST654FG3U7

## PROJECTS

---

### GeekMart – E-commerce Platform

*Express.js, React, PostgreSQL, Stripe API, Node.js, Git*

Built a full-stack e-commerce platform end to end: secure user authentication, product browsing, cart management, and Stripe-integrated checkout. Paired a responsive React frontend with an Express.js backend handling all API logic.

[Live Demo](#) | [GitHub Repo](#)