

Harman Muasa

Full Stack Developer

+254721456992 ◊ harman.muasa@gmail.com ◊ Nairobi, Kenya ◊

[LinkedIn](https://www.linkedin.com/in/harman-muasa-fullstack-dev/) ◊

[GitHub](https://github.com/Muasa-haman) ◊

[Portfolio](https://myportfolioblogapp.onrender.com/)

--

SUMMARY

Accomplished Full Stack Developer with over 4 years of expertise in JavaScript, TypeScript, Node.js, and Python. Proficient in NestJS, GraphQL, and PostgreSQL with experience in developing and integrating RESTful and GraphQL APIs. Skilled in using Git, Jenkins, and Docker for CI/CD pipelines. Strong background in UI development, testing, and debugging using Jasmine and Karma. Passionate about enhancing system scalability and performance while continuously innovating in web development.

--

****SKILLS****

- ****Programming Languages****: JavaScript, TypeScript, Python
- ****Web Development Frameworks****: NestJS, React.js, Next.js, Express, Fastify, React Native
- ****Backend Technologies****: Node.js, Hapi.js, AWS CLI, Camunda
- ****Database Management****: PostgreSQL, MongoDB, SQL, Prisma
- ****API Design and Integration****: RESTful API, GraphQL (Hasura), SOAP APIs
- ****Tools and Platforms****: Git, Jenkins, Docker, Kubernetes, CI/CD, Linux Command Line, Splunk, Grafana
- ****Testing Frameworks****: Jasmine, Karma, Cucumber
- ****Preferred Skills****: Kafka, Azure, Spring, Snowflake, Protractor, FHIR

--

****EXPERIENCE****

****Full Stack Software Developer****

Kenya Water Towers Agency | Nairobi, Kenya

Jan 2022 – Present

- Developed Python scripts to construct a pipeline for retrieving performance data from AWS.
- Created data stacks using Node.js for CloudWatch, Bindles DataLake, and DynamoDB.

real-time metrics dashboard.

- Enhanced RESTful APIs and integrated GraphQL APIs using Hasura, improving scalability by 90% and reducing latency by 90%.
- Engineered a mobile app, increasing user engagement by 90% and app ratings by 15%.
- Conducted quality testing and troubleshooting using Jasmine and Karma, reducing bugs by 40% and improving user satisfaction by 15%.
- Implemented CI/CD pipelines with Jenkins, Git, and Docker, integrating DevOps practices for smooth deployments.

****Front-End Developer (Freelancer)****

Dec 2019 – Jan 2022 | Nairobi, Kenya

- Designed and updated layouts in Angular, improving page load times by 20% and user satisfaction.
- Integrated emerging web technologies, enhancing site functionality and accessibility by 25%.
- Developed an estate management system, improving user connection process by 80%.
- Recommended and integrated new technologies, including Kafka and Splunk, increasing operational efficiency by 20%.

****Software Engineering Intern****

Ministry of Foreign Affairs | Nairobi, Kenya

Jun 2019 – Aug 2019

- Enhanced system availability by 25% through preventive maintenance and upgrades.
- Designed scalable technical solutions, increasing system efficiency and data integrity by 30%.
- Conducted quality testing, reducing client-reported bugs by 40%.
- Provided training support, decreasing onboarding time for new tools by 50%.

--

****EDUCATION****

****B.S. in Business Information Technology****

Jomo Kenyatta University of Agriculture and Technology | Thika, Kenya

Second Class Upper Division

- Related Coursework: Data Structures & Algorithms, Software Engineering, Machine Learning, Artificial Intelligence, Statistics

--

****CERTIFICATIONS****

- Git

--

****VOLUNTEERING****

- Online Tutor, YouTube Kenya

--

****CONTACT****

- ****Phone****: +254721456992

- ****Email****: haman.muasa@gmail.com