Daniel Musau

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Summary

Versatile software engineer with a proven track record of building scalable applications and optimizing system performance, achieving a 10% performance boost and a 20% increase in user engagement. Skilled in integrating third-party tools and delivering efficient, user-focused solutions that drive operational success and enhance user experience.

Skills

Elixir/Phoenix • Python • PostgreSQL • Azure • Git • GraphQL • DevOps • JavaScript

Work Experience

Backend Software Engineer
May 2023 – present

OnSpace Technologies • Full-time

Remote

Technologies: Elixir/Phoenix • PostgreSQL • Azure • AWS • Git

- Led the backend integration of OnSpace with Zapier, empowering users to automate workflows through seamless third-party app integrations, resulting in a 15% increase in user traffic.
- Ensured high performance and reliability of OnSpace backend services by consistently meeting a 99.99% internal availabilityService Level Objective (SLO) through test-driven development practices.
- Utilized AWS (S3 Storage), Microsoft Azure (Container Registry, PostgreSQL Database), Docker, and Elixir (Phoenix) to build and maintain scalable, high-performance backend gateways.

Full Stack Development Lead
May 2023 – May 2024 • 1 yr

Global Spark • Part-time

Remote

Technologies: React • Node.js • JavaScript

- Revamped the Global Spark website and Hack the Globe hacker dashboard using ReactJS and Firebase, boosting performance and user engagement by 20%.
- Partnered with design to enhance features across digital products, improving user retention and satisfaction.
- Led full-stack development of scalable Global Spark products, increasing performance by 10%.

Projects

Ueberauth Zapier
Jan 2024 – May 2024 • 4 mos

Technologies: Elixir/Phoenix • Zapier • OAuth 2.0

Developed and published a custom Ueberauth open-source strategy for integrating Zapier's OAuth2 authentication with Elixir applications. This open-source package simplifies connecting third-party apps for automation workflows and includes comprehensive documentation to support community adoption.

Education

Bachelor's degree: Computer Science
Sep 2018 – Jul 2023 • 4 yrs 10 mos

Jomo Kenyatta University Of Agriculture And Technology

Kenya

Relevant Coursework: Cryptography, Cybersecurity, Machine Learning, Continuous Integration and Deployment in DevOps, Distributed Systems

Certifications & Awards

Full Stack Software Engineering - ALX Africa
Nov 2023