

# Charles Lewis

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**Email:** steven22@example.org

**Location:** Nairobi, Kenya

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## Summary

Dynamic and results-oriented programmer with over 5 years of experience in software development and data science. Proficient in developing robust applications and leveraging data to drive business insights. Adept at working in Agile environments and leading projects from conception to deployment. Passionate about continuous learning and exploring innovative technologies.

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## Experience

### Senior Software Engineer

**Tech Innovations Ltd, Nairobi, Kenya**

*January 2021 - Present*

- Led a team of 5 developers to design and implement a **Content Management System** that improved content delivery efficiency by 30%. - Developed microservices architecture to streamline application deployment, resulting in a 25% reduction in server costs. - Enhanced system performance through effective use of **Node.js** and **FastAPI**, resulting in a 40% increase in response times. - Actively contributed to the adoption of **Docker** for containerization, leading to smoother development and production workflows.

### Software Developer

**NextGen Solutions, Nairobi, Kenya**

*June 2018 - December 2020*

- Developed and maintained web applications using **Vue.js** and **TypeScript**,

achieving a 95% user satisfaction rate. - Collaborated with data scientists to implement machine learning algorithms, enhancing data processing speed by 20%. - Introduced version control practices using **Git**, improving team collaboration and code quality.

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## Skills

- **Data Science:** Advanced
  - **Machine Learning:** Advanced
  - **FastAPI:** Advanced
  - **Vue.js:** Advanced
  - **TypeScript:** Expert
  - **Node.js:** Expert
  - **Java:** Intermediate
  - **Go:** Intermediate
  - **Docker:** Intermediate
  - **DevOps:** Intermediate
  - **Python:** Intermediate
  - **Git:** Beginner
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## Projects

### Content Management System

- Developed a comprehensive CMS for a local news agency, allowing for easy content creation, editing, and publication.
- Implemented role-based access control, improving content security and user management.

### Microservices Architecture

- Designed and deployed a microservices architecture for a financial services application, improving scalability and maintainability.
  - Utilized **Docker** and **Kubernetes** to orchestrate services, leading to a 50% reduction in deployment time.
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## Certifications

- Docker Certified Associate
  - Certified Kubernetes Administrator
  - Scrum Master Certification
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## Education

**Bachelor of Science in Computer Science**

**University of Nairobi, Kenya**

*Graduated: May 2018*

- Graduated with Honors, specializing in Software Development and Data Analysis.

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## Additional Information

- **Languages:** Fluent in English and Swahili
  - **Interests:** Open-source contributions, participating in hackathons, and exploring new programming languages.
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References available upon request.