

# Alphonse Maramba

Software Developer | Data Analyst | Web Designer

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Karen, Nairobi, Kenya

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## Professional Summary

Dedicated software developer with a strong foundation in front-end technologies, including React and TypeScript. Proven ability to craft responsive user interfaces and collaborate effectively within team environments. Passionate about data science, with growing interest in extracting insights from data using Python and related tools. Committed to continuous learning and applying best practices in UI and data-driven development. Proficient in modern development workflows and version control systems like Git. Able to adapt quickly to new technologies and solve complex problems with innovative solutions. Eager to contribute to impactful projects and grow as a full-stack or data-driven developer.

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## Technical Skills

- **Front-End Development:** React, Angular, HTML5, CSS3, JavaScript (ES6+), TypeScript
  - **Version Control:** Git, GitHub
  - **API Integration:** RESTful APIs
  - **Development Tools:** Webpack, Babel
  - **Methodologies:** Agile/Scrum
  - **Other Languages:** Python, MySQL
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## Professional Experience

Software Developer

*Spectrum Network International, Nairobi, Kenya | March 2024 – February 2025*

- Developed and maintained web applications using React and TypeScript, enhancing user engagement by 25%.
- Collaborated with designers to implement user-friendly and aesthetically pleasing features, resulting in a 15% increase in user satisfaction.
- Integrated RESTful APIs to ensure seamless communication between front-end and back-end systems.
- Participated in code reviews, providing constructive feedback to peers and maintaining high code quality standards.
- Designed and maintained database schemas, executed complex SQL queries, and ensured efficient data storage and retrieval to support scalable web applications.

### **Information Technology Intern**

*Safaricom, Kitengela, Nairobi | April 2023 – July 2023*

- Assisted in the development of internal tools using JavaScript frameworks, improving operational efficiency by 20%.
- Supported software installation, configuration, and updates across various departments.
- Provided first-level technical support and network troubleshooting, reducing downtime by 15%.
- Managed and optimized relational databases using MySQL, improving data retrieval performance and ensuring data integrity across systems.

### **Biometric Voter Registration Clerk**

*IEBC, Busia Prison, Kenya | August 2022*

- Captured biometric data and verified voter information, ensuring data accuracy and integrity.
- Assisted voters in understanding the registration process, contributing to a 10% increase in voter registration.

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### **Education**

#### **Bachelor of Science in Computer Science**

*Cooperative University of Kenya*

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## Certifications

- **Certified Software Developer**

Power lean project Africa. | March 2025 – Present.

- **Social Media Marketing Masterclass**

Tech space masters. | July 2024 – September 2024

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## Key Achievements

- Enhanced application performance by optimizing code, leading to a 15% reduction in load times.
  - Recognized as 'Employee of the Month' for outstanding contribution to project delivery at Spectrum Network International.
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## Languages

- **English:** Proficient
  - **Swahili:** Native
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## References

*Available upon request.*