

# Alphonse Maramba

Networking | Software Developer | Artificial Intelligence

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Embakasi Pipeline, Nairobi

+254 115 040 564

[marambaalphonce@gmail.com](mailto:marambaalphonce@gmail.com)

<https://alphonce-portfolio.vercel.app/>

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## Professional Summary

a motivated and flexible computer science graduate with a strong foundation in software development, web design, and data science. I specialize in creating responsive web applications using state-of-the-art technologies like React, Node.js, and SQL. In order to tackle real-world problems, I'm currently focusing on artificial intelligence and improving my Python, machine learning, and automation abilities. My desire to contribute to the development of innovative, tech-driven solutions with a big impact drives me. Because I have a keen eye for detail, a creative mindset, and a problem-solving style, I perform best in collaborative environments that challenge me to grow and achieve results.

## Technical Skills

- Full stack web development using HTML, CSS, JavaScript, React, and Node.js
- Data science with Python, machine learning, and data visualization
- UI and UX design including wireframing, prototyping, and user research
- Graphic design for branding, logos, and digital content creation
- SEO writing and content development for web and social platforms
- Technical consulting and problem solving for digital transformation projects

## Soft Skills

- **Problem Solving:** Quick to identify and resolve technical issues, whether related to networks, systems, or software.
- **Analytical Thinking:** Capable of analyzing IT problems and breaking them down into actionable solutions.
- **Attention to Detail:** Careful and precise, especially when dealing with system configurations and security protocols.
- **Communication:** Clear and professional in both written and verbal communication, especially when providing IT support or documentation.
- **Team Collaboration:** Works well in cross-functional teams, supporting collective goals in IT infrastructure and cybersecurity.
- **Adaptability:** Comfortable learning new tools and responding to changing tech environments.

## Professional Experience

**Spectrum Network International**

**Junior Full Stack Developer**

**March 2024 – March 2025**

- Developed and maintained dynamic web applications to support internal operations.
- Designed and optimized databases using SQL for fast and reliable data access.
- Collaborated with the IT team to debug issues and improve system performance.
- Created reusable components and clean UI with modern JavaScript frameworks.
- Contributed to automation scripts and improved user experience across platforms.

### ***Informational Technology Intern***

### ***Co-operative University of Kenya***

***June 2023 – September 2023***

- Assisted in the development of academic and administrative software tools.
- Participated in daily stand-ups and contributed to Agile sprint planning.
- Debugged and tested code to ensure smooth deployment and integration.
- Supported IT staff in troubleshooting technical issues across departments.
- Gained hands-on experience with backend services and database handling.

## **Education**

### **The Co-operative University of Kenya**

Bachelors of Science in Computer Science – Second Class Upper Division

November 2020 – December 2024

## **Certification**

- **Fundamentals of Artificial intelligence** – Power Lean Project Africa | *March 2025 – Present*
- **Social Media Marketing Masterclass** – Tech Space Masters | *July 2024 – September 2024*

## **Key Achievements**

- Reduced system downtime by improving network response times and escalating issues effectively.
- Contributed to safer digital environments by supporting secure software updates and access controls.

## **Languages**

- English: Proficient
- Swahili: Native

## References

- **Joseph Ogutu** – Auditor General, County Government of Migori | +254 723 818 012
- **Brian Muia** – Security Supervisor, Seneca East Africa | +254 726 950 660
- **Stephen Okello** – Head Teacher, Ramunde School | +254 724 061 708