ALFONCE MORARA
Software Development Specialist

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🔗 **www.linkedin.com/in/alphonce-morara**   **Experience: Over 2 year**

Experienced and skilled Software Developer specializing in the MERN stack and python (Django). As a graduate of ALX Africa, I have a proven track record of developing high-quality and efficient software solutions. My expertise includes designing and implementing scalable web applications, optimizing performance, and collaborating with cross-functional teams to deliver innovative technology solutions. I am committed to staying current with industry trends and continuously enhancing my skills to drive project success and exceed client expectations.

PROFESSIONAL EXPERIENCE

AUGUST 2024 – Present: Professional foundations (alx certification)

- **Leadership Skills**: Learned how to make informed decisions, guide and motivate teams, and resolve conflicts effectively. Developed the ability to delegate tasks and inspire others.
- **Teamwork Skills**: Worked well with diverse teams, adapted to changing situations, and took responsibility for tasks. Gained experience in using tools for collaboration and communication.
- **Problem-Solving Skills**: Analyzed complex problems and identified creative, logical solutions. Developed the ability to make decisions under pressure and address root causes of issues.
- **Communication Skills**: Improved public speaking, writing, and nonverbal communication. Learned to give and receive feedback effectively, while understanding body language and tone.
- **Learning Skills**: Embraced a growth mindset by staying open to new knowledge and skills. Managed time efficiently, reflected on progress, and kept up with industry trends

May 2024- Present: AWS cloud practitioner, eMobilis Technology Training Institute

ROLES AND ACHIEVEMENTS

- **Cloud Infrastructure Implementation:** Successfully implement a scalable and secure cloud infrastructure using AWS services, improving the efficiency and reliability of the institute's IT operations.
- **Cost Optimization Strategies:** Develop and execute cost optimization strategies that reduce cloud expenditure while maintaining performance and scalability.
- **Security Enhancements:** Implement robust security measures and best practices for AWS environments, ensuring compliance with industry standards and protecting sensitive data.
- **Innovative Cloud Solutions:** Design and deploy innovative cloud-based solutions that streamline administrative processes and improve the overall learning experience for students and instructors.

Apr 2024- May 2024: UI Designer, Tech Alpha (Remote Internship)

ROLES AND ACHIEVEMENTS

- **User-Centric Design:** Created intuitive and visually appealing user interfaces for multiple web and mobile applications, resulting in an increase in user engagement and satisfaction.
- **Cross-Functional Collaboration:** Worked closely with product managers, developers, and stakeholders to ensure design consistency and align with business goals, leading to the successful launch of several high impact projects.
- **Design System Development:** Established a comprehensive design system that standardized UI components and guidelines, streamlining the design process and ensuring consistency across all products.
- **Performance Optimization:** Implemented design optimizations that improved application load times and performance, contributing to a more seamless user experience and higher retention rates.

Mar 2023 - May 2024: Full Stack Developer, alx Africa (Apprenticeship)

ROLES AND ACHIEVEMENTS

- **Full Stack Project Development:** Successfully developed and deployed several full stack web applications using the MERN stack (MongoDB, Express, React, and Node), demonstrating strong proficiency in both front-end and back-end technologies.
- **Code Quality and Best Practices:** Adhered to industry best practices for coding standards, version control, and continuous integration, resulting in clean, maintainable, and efficient code.
- **Problem Solving and Debugging**: Demonstrated exceptional problem-solving skills by identifying and resolving complex bugs and performance issues, ensuring the robustness and reliability of applications. **Technical Presentations:** Delivered technical presentations and conducted code reviews, sharing knowledge and insights with peers, which fostered a collaborative learning environment and enhanced team productivity.

EDUCATION BACKGROUND

2023 - 2024: SOFTWARE ENGINEERING CERTIFICATE

Holberton School, Nairobi

ALX AFRICA – Back-End specialization

2020 - 2023: BSC. IN MATHEMATICS & COMPUTER SCIENCE

Kirinyaga University

Work Experience

Information Technology Trainee, Isuzu East Africa Limited: May 2023 - Aug 2023

Server Administration: Assisted with the management and maintenance of the company's servers, ensuring they are running efficiently and securely. I performed tasks such as monitoring server performance, performing regular backups, and helping troubleshoot server-related issues.

• **Cisco Networking:** Assisted in configuring network devices, monitoring network traffic, and ensuring security protocols are in place. Ensured seamless communication between various facilities, such as manufacturing plants, warehouses, and offices and maintained connectivity for employees and customers

• **Enterprise Resource Planning (ERP):** Helped maintain and improve the ERP system, ensuring different departments can access and use the information they need efficiently. Moreover, I assisted in ensuring the system runs smoothly, helping troubleshoot any issues employees face, and possibly customizing modules to suit specific business needs.

• **SAP & SAP S/4HANA**: Assisted with system configurations, performing data migrations, and supporting end-users in utilizing the SAP platform efficiently. I also worked on implementing or supporting this system, which helps streamline operations and provides insights into business performance.

Technical Skills

PROGRAMMING LANGUAGES.
• Python*(Django, FastAPI, Flask)
• Bash
• SQL; Relational databases using AWS.
• JavaScript (React, Node, Express)

AWS CLOUD COMPUTING
Scripting using Linux
DATABASES

▪ MySQL

▪ Amazon Aurora.

▪ Amazon Dynamo Db

▪ MariaDB

▪ MongoDB

▪ MSSQL

References

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