Abdulaziz Mohammed

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Profile

A highly motivated Software Engineer with 3+ years of experience in DevOps practices, backend development, and database management. Proven ability to design, deploy, and maintain robust, scalable infrastructure using containerization, automation, and CI/CD methodologies. Experienced in cross-functional collaboration to deliver efficient solutions, with a focus on continuous learning and innovation.

Experience

Software Engineer | LML LLC
May 2024 – October 2024

- Developed and maintained scalable server-side logic, APIs, and databases.
- Optimized server performance, reducing load times by 30% using Docker and Kubernetes for containerized deployments.
- Managed database architecture, ensuring data integrity and scalability.

Software Engineer | SomDigital
June 2022 – December 2023

- Contributed to web application development, supporting senior developers in delivering innovative solutions using JavaScript and React.

- Regularly engaged with clients to understand their needs, leading to a 15% increase in client satisfaction through the implementation of additional features

- . Led the successful redesign of existing systems, focusing on improving user experience and aligning with industry standards.

Personal Project - PatientLink
January 2023 – Present

- Developed and deployed PatientLink, a comprehensive dental management system, using Next.js, NestJS, MySQL, and Docker.

- Optimized database architecture, resulting in a 25% increase in operational efficiency.

- Applied DevOps practices (CI/CD, containerization) to ensure high availability and smooth deployment processes.

Web Development Teacher | BIC
March 2023 – November 2023

- Taught modern web development technologies (HTML, CSS, JavaScript, React) to students, integrating Docker for local development environments.

- Created practical DevOps learning modules that familiarized students with containerization and automation tools.

Junior Networking Officer | Super Service
September 2020 – September 2021

- Set up and configured network security systems and provided technical support, reducing downtime by 20%.
- Developed basic Bash scripts to automate network system updates and maintenance tasks.

Education

ALX-Holberton Software Engineering School
Certified in Software Engineering with a focus on real-world DevOps practices, problem-solving, and database management.

Udemy
Completed courses in Docker, Kubernetes, and Bash scripting to continually improve technical skills.

Technical Skills

- **Languages & Frameworks:** JavaScript, Node.js, NestJS, Next.js, Go (learning), PHP, Bash
- **DevOps Tools & Practices:** Docker, Kubernetes,, Bash scripting, CI/CD, monitoring, infrastructure as code
- **Databases:** MySQL, Oracle, SQL Server, MongoDB
- **Cloud & Containerization:** Docker, Kubernetes, Docker Compose
- **Networking:** Basic networking skills, system setups for security and access

Accomplishments

1st Place Winner | Somaliland's First Hackathon
June 2023

- Led a team in building a waste management system using Node.js and Docker, praised for its scalability and potential adoption by local municipalities.

Activities and Interests

- **DevOps Enthusiast:** Regularly participate in hackathons and coding competitions with a focus on DevOps tools and practices.
- **Continuous Learning:** Committed to expanding knowledge in Docker, Kubernetes, and cloud-native technologies