

Eslam Ali Mahmoud Mohamed

Senior DevOps Engineer | CKA Certified

Total Exp: 8 Years

DevOps Exp: 3 Years

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Current location: Cairo, Egypt

Summary:

Experienced DevOps engineer with 8 years of cumulative experience, including 3 years specifically focused on DevOps practices. Demonstrated history of contributing to both DevOps initiatives and software development within the banking industry.

Education:

- Bachelor of Computer Science, Faculty of Computer science and information technology, O6U – October 6 University, Computer science department, Class of 2016.

Certificates:

- [CKA: Certified Kubernetes Administrator](#)
- [ICAgile Certified Professional](#)

Work Experience:

- **BanqueMisr: February 2021 – Present**
 - Position: Senior DevOps Engineer.
 - Responsibilities:
 - Spearheaded the transition from manual workflow to automated development life cycle for BanqueMisr, encompassing both legacy and newly developed applications.
 - Currently leading a transformative project to transition traditional workflows to DevOps methodologies, including selecting the appropriate technology stack and guiding the project team towards successful implementation.
 - Collaborated closely with developers to design the architecture of new applications, ensuring alignment with organizational objectives and industry best practices.
 - Installed and administered Microsoft Azure DevOps on-premises, facilitating seamless project management and collaboration among team members.
 - Developed Dockerfiles to streamline application deployment processes and enhance scalability and portability.
 - Created and maintained OpenShift manifests files, optimizing application deployment and management in containerized environments.
 - Established and managed Vagrant boxes to facilitate consistent development environments across teams, improving efficiency and collaboration.

- Designed and implemented Scaffold files to automate the development workflow, accelerating the build, test, and deployment processes.
- Orchestrated the creation and maintenance of Azure CI/CD pipelines, enabling continuous integration and delivery of software updates with minimal downtime.
- Conducted informative DevOps sessions for non-DevOps engineers, fostering a culture of collaboration and knowledge-sharing across departments.

- **BanqueMisr: May 2018 – February 2021**

- Position: Software Developer.
- Responsibilities:
 - Analyze project requirements and translate them into actionable functionality and non-functionality tasks.
 - Develop both backend and frontend components using a variety of programming technologies, including ASP.NET, Java Spring Boot, and Node.js with Express.
 - Conduct comprehensive testing throughout the development process to ensure the reliability and quality of the software.
 - Maintain and update existing systems to meet evolving business needs and industry standards.
 - Design and implement structured databases to efficiently store and manage project data.
 - Deploy software applications across various environments, ensuring seamless integration and optimal performance.
 - Provide ongoing support to end-users, addressing any issues or concerns in a timely manner.

- **E-Marketing Egypt: February 2018 – May 2018.**

- Position: Junior Android and back-end developer.
- Responsibilities:
 - Development of dynamic websites with PHP, ensuring seamless integration of backend functionalities with frontend interfaces.
 - Utilized Node.js to architect scalable and efficient backend systems, catering to the specific requirements of each project.
 - Engineered mobile applications for the Android platform, employing Java to build robust components that prioritize user experience and functionality.

- **Al-Attal for Iron and Steel: March 2016 – February 2018.**

- Position: PHP Developer.
- Responsibilities:
 - Independently designed, developed, and implemented a comprehensive HR management system encompassing salary management, employee leaves tracking, loan management, attendance tracking, deduction management, annual increase, incentives, etc.
 - Took full ownership of the project from conception to deployment, demonstrating strong initiative and self-reliance.
 - Conducted thorough analysis of HR processes and requirements to ensure the system effectively addressed the needs of the organization.

Technical skills:

- **DevOps:**
 - CI/CD : Jenkins, Azure DevOps
 - Build Tools : Maven, Nuget
 - Container Management Tool : Kubernetes, OpenShift
 - Source Code Management : Git
 - IaC Tools : Ansible, Terraform
 - Containerization Tool : Docker
 - Artifact Management Tool : Azure Artifacts
 - Operating System : Windows, Linux
 - Web Servers : Windows IIS
 - Cloud Platform : Azure Cloud
 - Image Registry : Docker Hub, Quay
 - Monitoring : Prometheus and Grafana
 - Logging : ELK Stack (Elasticsearch, Logstash & Kibana)
 - Local Environment : Vagrant, Skaffold
 - On-Premises : Microsoft Azure DevOps on premise
(Installation and Administration)
- **Database:** MS SQLServer, Postgres, MySQL
- **Back-end web development:** ASP.NET MVC and Core, Java Spring, Node.JS, PHP
- **Mobile development:** Android development using Java.

Soft skills:

- Multitasking
- Fast learner
- Problem solving
- Hard worker
- Communication skills
- Leadership skills
- Teamwork skills

Languages:

- Arabic: Mother Tongue.
- English: Professional.

Personal information:

- Date of birth: July 9, 1994.
- Marital status: Married.
- Military status: Exempted.
- Current location: Egypt.