

Mohamad Alghosh

Software Engineer | Cloud Developer | DevOps Engineer



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Profile

I am proficient in Cloud Engineering and DevOps, certified by AWS and Azure. My certifications include Developer AZ-202, AZ-400, and AWS Developer DevOps.

I have also worked with IBM Cloud, building modern software and advanced cloud solutions that are scalable and secure.

I collaborate closely with developers to deliver applications through efficient DevOps pipelines. Check all my certificates in Credly :

<https://www.credly.com/users/mohamad-alghish>

Experience with micro-services design and development, Experience with software engineering best practices: unit testing, code reviews, and design documentation. I Started build my own SaaS Project call NMonitoring

Experience

SOFTWARE ENGINEER , NVSSOFT; DUBAI, UAE — 2021-PRESENT

C# , .NET Core , Cloud (Azure/AWS - AWS CDK/Cloudformation) , Docker , Kubernetes, Linux, PowerShell, Terraform

- Analyze the client's infrastructure and provide best practices for migrating to cloud environments. Design a highly available architecture, deploy the application, and manage DevOps tasks, including continuous monitoring, feedback analysis, and system log review to ensure optimal server performance.
- Developed and integrated systems for seamless communication between two platforms, and designed and implemented management systems.
- Utilize AWS CloudFormation to design and implement a serverless architecture using AWS Lambda, integrated with an RDS database, to handle numerous requests from an archiving system, including printer support API Gateway, WAF: Cloudflare, EC2, IAM, EBS, RDS, VPC, Route53, Migrate applications from on-premise to cloud environments.
- Developed and maintain infrastructure as code (IaC) solutions using Terraform.
- Worked in Azure Portal with the CI Team to integrate with Tools such as Parasoft for code analysis and unit testing.
- Created GitLab CI/CD pipeline for new projects and monitored deployments to production. -
- Design, develop, and maintain advanced ETL processes to ensure accurate and timely data integration from multiple sources, in alignment with business needs. Monitor and troubleshoot data-related issues, providing swift resolution to minimize operational disruptions.

SOFTWARE DEVELOPER & SYSTEM ADMINISTRATOR, NVSSOFT; ABU DHABI, UAE — 2019-2021

Azure DevOps (CI/CD), (Oracle/SQL/MYSQL), Python, Git

- System: Managed the official letter correspondence system, Troubleshoot and resolve infrastructure and application issues.
- System Integration: Connected systems with different structures and programming languages. Digital Rights Management: Controlled correspondence restrictions.
- Active Directory Management: Utilized LDAP and SSO services. Migration Tools: Enabled data and file migration between databases and storage systems.
- Agile Development: Worked on projects using Agile methodologies. Integration Developer: Integrated UAE PASS, authentication, digital signatures, and e-seals.
- Data Analysis and Visualization: Created Power BI dashboards and monitoring applications for service uptime and log analysis.

SENIOR DEVELOPER, MICROPOLIS; DUBAI, UAE — 2018-2019

C# , .NET Core , Angular , Java Sprint (Boot) , Oracle

- Sanad for management hospitality with archive file of patients. International Relation Department make connection between diverse department in centralized location to management employees and events inside company

- Dubai Municipality
 - Integration with payment portal (ERAD System)
 - Al Mamzar Park Management for management booking chalet and management parks and events connected to payment service and active directory, frontend base on Angular ,HTML, CSS
 - Working in Alsaafat application project as Backend developer

BACKEND DEVELOPER, L ONE SYSTEMS; GERMANY — 2017-2018

Javascript , MYSQL , CakePhp , GIT (Bitbucket/Gitlab) , Devops , MYSQL

- ShaufelOnline for management garden in Germany using Cack PHP frameworks
- Integration with payment portal
- Application using MERN Stack with integrate MongoDB

Education

Damascus University, Syria — Bachelor's Degree in Information Technology Engineering, 2011-2016

Skills

Java (Spring Boot) - Vue — .Net (Core, ASPX) - Power-Shell - React - Nextjs - Remix - Tailwind CSS - ANT Design - Oracle - MonogDB - MS SQL - Postgresql - Azure Cloud - IBM Cloud - Git (bitbucket - Gitlab) - Azure DevOps CI - Docker & Microservices - Azure Devops - Functions Serverless (Azure & Netlify) - Gitlab Devops Pipeline - AWS (Amazon Cloud) Developer - ElasticSearch - Monitoring (Prostheses, Grafana) - Automating testing (ParasoftO, Playwright) - Kubernetes - Azure cloud infrastructure - Linux (Bash) - BigQuery - Laravel

Soft Skills

- Scrum (cross-functional team) -Team Work -Influence & Collaboration - Good Speaking and Communication
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Projects:

- **Correspondence System (Tarasol) & DMS Archiving System (Arcmate):** Led development of user interfaces and optimized database queries to enhance application performance, utilizing Oracle and SQL for high-efficiency data processing.
- **Intermobility (Integration Core) System:** Designed and implemented a secure integration system, enabling seamless data exchange between multiple government entities through a private communication pipeline.
- **Al-Mamzar App (Chalet Booking System):** Developed a comprehensive chalet booking platform with integrated payment gateway, cloud deployment on Azure, and automated CI/CD pipelines following DevOps practices.
- **NMonitor (Monitoring System):** Built an interactive dashboard for real-time server and system monitoring across multiple clients, featuring log analysis, automated alerts, and query execution for streamlined issue investigation.
- **PowerShell Automation Suite:** Developed PowerShell scripts for automated backups, version deployment, and post-deployment monitoring, enabling efficient server management and reducing deployment errors.
- **HR System Sync:** Engineered synchronization protocols for users and positions across external systems, ensuring data consistency for interconnected applications.
- **Flow Engine (Workflow Management System):** Created a workflow management engine to streamline organizational processes, reducing task handoff times and enhancing overall productivity.

- ▶ **Doctor Recipe Generator:** Designed a prescription management tool tailored for healthcare practices, improving administrative efficiency in clinic workflows.
 - ▶ **VeryEasyCar:** Built an AI-powered pricing engine for vehicle valuation, factoring in diverse parameters to provide accurate and competitive pricing.
 - ▶ **AWS Migration & Monitoring:** Migrated legacy systems with millions of records to a hyper-cloud environment, resolving migration issues and implementing AWS monitoring tools to maintain data integrity.
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Awards & Certificates

- ▶ **Microsoft Certified: DevOps Engineer Expert**
- ▶ **Microsoft Azure Developer Associate**
- ▶ **AWS Certified Developer - Associate certificate**
- ▶ **Introduction to Containers, Kubernetes, and OpenShift**
- ▶ **Google IT Automation with Python**

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Languages

- ▶ English : Bilingual proficiency
 - ▶ Dutch : Intermediate
 - ▶ Arabic : Native
 - ▶ French : Intermediate
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Links

 <https://twitter.com/AlghoshM>

 <https://github.com/MohamadAlghish93>

 <https://www.linkedin.com/in/mohamad-alghish/>
