

Mohamad Alghosh

Software Engineer | Cloud Developer | DevOps Engineer

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 United Arab Emirates

Profile

- Senior Software Engineer (Cloud Certified by AWS and Azure as Developer)
- Flowchart Artist (Infrastructure , Cloud, System Design)
- Problem Solver
- Experience Paths
 - Started with Full-stack Developer (4 years)
 - Database Administrator and Systems Integration Developer (2 years)
 - Found passion in DevOps and Software System Build (currently - 4+ years)

Experience

Software Engineer , NVSSoft; Dubai, UAE — 2021-present

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

- Implemented a Terraform-based automation workflow to streamline the creation and management of GitHub repositories, AWS networking infrastructure, and AWS clusters, with configurable parameters for enhanced control and scalability.
- 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 maintained 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.
- Develop a pipeline to integrate with Dataverse and SharePoint for extracting, reading, and transferring data into designated multi-storage systems, along with associated metadata.

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

Cloud	Azure Cloud, AWS (Amazon Cloud), IBM Cloud, Netlify
DevOps & Tools	Docker, Kubernetes, Microservices, Git (Bitbucket, GitLab)
CI/CD & Pipelines	Azure DevOps, GitLab DevOps Pipeline, Serverless Functions
Frontend	React, Next.js, Remix, Vue, Tailwind CSS, ANT Design
Backend	Java (Spring Boot), .Net (Core, ASPX), Laravel (PHP)
Databases	Oracle, MongoDB, MS SQL, PostgreSQL, BigQuery, Dataverse
Automation & Ops	PowerShell, Bash (Linux), Elasticsearch, Prometheus, Grafana
Testing & Other	Playwright, Parasoft, SharePoint, Power Apps

Soft Skills

Methodology	Scrum (Cross-functional Team)
Collaboration	Teamwork, Influence & Collaboration
Communication	Professional Speaking & Effective Communication

On-Site Project:

Region	Client / Organization
UAE Government	The Private Office of His Highness (HHPO), Ministry of Justice (MOJ), Ministry of Sports (MOS)
UAE Federal/Local	Federal Authority for Identity, Citizenship, Customs (ICP), Ministry of Interior (MOI), Dubai Municipality, AWQAF Abu Dhabi
UAE Special Projects	Sharjah Police Sciences Academy (PSA)
Germany	Darmstadt Cemetery (Shaful Online)

Languages

- English : Bilingual proficiency
- Arabic : Native
- Dutch : Basic
- French : Basic

Projects:

For online publish project you can check my personal website contains all project there : <https://www.alghosh.website/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.

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**

Check all my certificates in Credly : <https://www.credly.com/users/mohamad-alghish>

Links

<https://twitter.com/AlghoshM>

<https://github.com/MohamadAlghish93>

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