

# Mohd Arshad

Azure Developer Associate | Azure Fundamentals | Azure Data Fundamentals | CSM | CSPO  
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## Career Objective

Seeking assignments to leverage my expertise in Software Architecture and Development, aiming to surpass client and employer expectations by harnessing advanced knowledge, skills, and cutting-edge Information Technology.

## Career Summary

- Seasoned Software Architect and Full Stack Developer with expertise in architecting and developing robust solutions.
- Bring a wealth of experience in N-tier and Microservices architectures along with .NET, Angular, React and Azure Development.
- Analytical skills to analyze and devise technical solutions and architectural approaches for complex business challenges, covering estimations, technology evaluation, POC, prototyping, development, deployment and maintenance.
- Demonstrated proficiency in constructing distributed, scalable, resilient, secure, and cost-effective solutions across on-premises and cloud environments.
- Execute deployment, monitoring, diagnostics, and management tasks adeptly within both on-premises and cloud infrastructures, ensuring seamless operational efficiency.
- Proven expertise in Agile methodologies, including Scrum, Kanban, and XP.

## Certifications

- **Microsoft (4x):** Azure Developer Associate (AZ-204) [[ref](#)], Azure Fundamentals (AZ-900) [[ref](#)], Azure Data Fundamentals (DP-900) [[ref](#)], Microsoft 365 Certified: Fundamentals (MS-900) [[ref](#)]
- **Scrum Alliance (2x):** Certified Scrum Master (CSM) [[ref](#)], Certified Scrum Product Owner (CSPO) [[ref](#)]

## Skill Sets

- **Architecture:** N-tier, Microservices, Clean Architecture, DDD, TDD, EDD, CQRS, SOA, SOLID, DRY
- **Frontend:** HTML, CSS, Bootstrap, JavaScript, jQuery, TypeScript, Angular, React, ASP.NET - Web Forms, MVC, ASP.NET Core – MVC, Razor Pages, Blazor
- **Backend:** .NET Framework, .NET Core, C#, VB.NET, EF, LINQ, REST API, GraphQL, gRPC, SignalR
- **Testing:** xUnit, Moq, NSubstitute, Playwright, JMeter, Bogus, Pingdom Tools, Google Lighthouse
- **Database:** SQL Server (Advanced T-SQL), MySQL, PostgreSQL, Redis, MongoDB, Cosmos DB
- **Reporting:** Crystal Reports, Power BI, HTML/JS Based Charts, Power BI REST APIs
- **IAM:** .NET Identity, OAuth, OIDC, LDAP, ADFS, Entra ID (AAD), Azure RBAC, MSAL, SSO, IdentityServer4, OneLogin, UAE PASS, Social Logins
- **Libraries:** AutoMapper, FluentValidation, MediatR, Hangfire, Ocelot, OpenAPI/Swagger, Polly, Bcrypt, ZXing.Net, NLog, Serilog, ELK, OpenTelemetry, Prometheus, Grafana, MassTransit, RabbitMQ
- **3<sup>rd</sup> Party UI:** DevExpress, DevExtreme, Telerik, Kendo UI
- **Azure:** VM, App Service, Function, Storage, APIM, CDN, Key Vault, App Configuration, Application Insights, Azure Monitor, Service Bus, Event Hub, Event Grid
- **Tools:** Draw.io, Visual Studio, Visual Studio Code, Notepad++
- **Project Management:** Agile, Scrum, Kanban, XP, Azure Boards, Azure Wiki, JIRA, Confluence
- **Microsoft 365:** Teams, Planner, OneNote, To Do, Microsoft Graph – Explorer, SDK, API
- **Google:** Workspace, Webmasters, Analytics, AdSense, Ads, Trends, Maps API, YouTube API
- **Digital Marketing:** SEO, SMO, Keyword Research, On-Page/Off-Page Optimization, Link Building, Bookmarking, Blogging, Tools – Search Central, WebCEO, IBP, Similarweb.com, Semrush.com
- **CMS:** WordPress, OpenCart, NopCommerce
- **Hosting:** IIS, NGINX, Plesk, cPanel, SSL, Name Servers, DNS Management, Kloth.net, Ping.eu, Who.is
- **DevOps:** CI/CD, TFS, Git, GitHub, Azure Pipelines, ACR, ACI, AKS, ACA, Docker, Kubernetes, Minikube

## Current Role

### Software Architect/Developer – Full Stack

**Company:** Self Employed/Freelancer (working for Ignasoft Technologies, UAE)

**Duration:** Oct 2022 – Present

**Technologies Used:** Angular, React, ASP.NET Core (MVC, Blazor, API), C#, EF Core, LINQ, PostgreSQL, MongoDB, Microservices, DDD, EDD, MediatR, CQRS, Ocelot, xUnit, NSubstitute, .NET Core Identity, MassTransit, RabbitMQ, OpenTelemetry, Grafana, Azure Services etc.

#### Responsibilities:

- Design and develop solutions involving Angular, React, .NET, Azure and related technologies.
- Ensure that solution architecture aligns with requirements, scalability needs, and industry best practices.
- Develop and maintain responsive and user-friendly applications.
- Implement security measures to protect against vulnerabilities.
- Create and manage databases, ensuring efficient data storage and retrieval.
- Design and implement REST APIs to facilitate communication between frontend and backend.
- Integrate 3<sup>rd</sup> party APIs as needed for additional functionality.
- Use Git to manage and track changes in codebase.
- Develop and execute unit tests, integration tests, and end-to-end tests to ensure code quality.
- Deploy applications to production environments and ensure smooth deployment processes.
- Diagnose and troubleshoot issues, ensure optimal performance and functionality.
- Use Azure Boards to manage and track project progress using Scrum.

## Previous Roles

**Solutions Architect (Platform Engineering) | ADEK, Abu Dhabi, UAE | Jan 2021 – Jun 2022**

**Technologies Used:** ASP.NET Core (MVC, Razor Pages, API), C#, EF Core, LINQ, SQL Server, Microservices, DDD, MediatR, CQRS, Ocelot, xUnit, Moq, .NET Core Identity, IdentityServer4, OneLogin, UAE PASS, etc.

**Responsibilities:** I worked as a Product Owner and End-to-end Solutions Architect/Developer for multiple Platform Tools used by all of the applications in ADEK ecosystem. Platform Tools were meant to reduce development efforts on common tasks handled for each of the application and in turn these has extensively reduced time-to-value and time-to-market. I was involved in Technology Evaluation, POC & Prototyping, Solutions Design & Development, System Integration, Technical Leadership, Digital Transformation, Developer's Training to Platform Toolchain, and Continuous Improvement of Products and Process.

**Lead Software Developer | ADEK, Abu Dhabi, UAE | Aug 2019 – Dec 2020**

**Technologies Used:** Angular, TypeScript, ASP.NET Core API, C#, EF Core, LINQ, SQL Server, etc.

**Responsibilities:** As a senior Team Member I've worked on multiple LOB applications. A few of them were Greenfield projects which I've started from scratch and others were brownfield projects (mostly monolithic apps) for which I've done maintenance and planned their modernization to new technologies. I've created baseline microservices architecture and a plan for smooth transition from monolithic apps to microservices and micro-frontend applications.

**Senior Software Engineer | Jazeera Paints, KSA | Sep 2014 – Dec 2017**

**Technologies Used:** AngularJS, ASP.NET Framework – Web Forms, MVC, ADO.NET, JavaScript, MSSQL, etc.

**Responsibilities:** I was involved in all phases of software development lifecycle. I've worked on feature development and enhancement on existing applications as well as started a GIS/IoT based project from scratch which was then used in logistics department of Jazeera Paints. Also, I've extensively worked on Microsoft AX ERP and Business Intelligence applications development.

**Co-Founder/Programmer | Cherisys Technologies, IND | Jan 2008 – Jun 2014**

**Technologies Used:** ASP.NET Framework – Web Forms, MVC, ADO.NET, JavaScript, Photoshop, MSSQL, etc.

**Responsibilities:** As a Programmer I was looking after all aspects of end-to-end solution development. As a Co-Founder, I was extensively involved in Business Development, Project Management, Leadership, Team Building, Marketing, Client Communication and Customer Support. I've also launched two portals – WebStreet.in (for Indian Business Owner's Networking) and CodeVDO.com (Programming Video Resources) and ran those until Jun 2014.

**Trainer | Credible Academy, IND | Jul 2005 – Jan 2008**

**Responsibilities:** Technical training and skills building for engineering graduates.

## Projects Detail

Please refer the link: <https://www.mohdarshad.com/Projects>

## Education

Bachelor of Technology in Computer Science & Engineering | 70.6% | First Division

## Community Work

**Author:** Writing articles on CodeProject.com since 2007, Level: Platinum, Designation: Legend

**GitHub:** Manage some public repositories - .NET, Angular, Full Stack, Microservices, TypeScript

## Interpersonal Skills

Ability to Plan, Analytical Mind, Abstract & Clear Thinking, Quick Learner, Quality Focus, Team Collaboration, Decisiveness, Problem-Solving, Growth Mindset.

## Exam Scores

CAT 2005 – Quantitative Aptitude – 94

MAT 2006 – Intelligence & Critical Reasoning – 97.81

## Memberships

Scrum Alliance (Membership Id: 1151900)

Project Management Institute (PMI) (Membership Id: 6592016)

Khaleeji FZ LLC (PMI UAE Chapter)

Microsoft (Membership Id: 6592016)

CodeProject.com (Membership Id: 6592016)

## Personal Profile

**Date of Birth:** 28-12-1983

**Marital Status:** Married

**Languages:** English, Hindi, Urdu, Arabic (basic)

**Address:** Saharanpur, Uttar Pradesh, India