

ERSHAD SHAIKH

Senior Developer | .NET 8/10 | C# | Cloud (Azure & AWS)

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☁ Azure Solutions
Architect Expert

🛡 AZ-305
Solutions Architect

🛡 AZ-104
Azure Administrator

🤖 AI-102 / AI-900
Azure AI Engineer

PROFESSIONAL SUMMARY

Results-driven Senior Full-Stack Developer with 17+ years of hands-on expertise building scalable web applications, REST APIs, and microservices using C#, .NET, and Angular. Proven ability to deliver high-performance front-end and back-end solutions across Banking, Retail, Pharma, and Semiconductor domains. Experienced in cloud-native development on Azure and AWS, agile delivery, and integrating AI-powered tools such as GitHub Copilot. Microsoft Certified Azure Solutions Architect Expert (AZ-305, AZ-104, AI-102, AI-900) with strong foundations in SOLID principles, TDD, and clean code practices.

CORE COMPETENCIES

✓ Full-Stack C# / .NET Development	✓ REST API & Microservices Design	✓ Azure & AWS Cloud Development
✓ SQL & MongoDB Database Expertise	✓ CI/CD & DevOps (Azure DevOps)	✓ GitHub Copilot & AI-Assisted Dev
✓ Agile / Scrum & TDD Practices	✓ Angular 18/19 SPA Development	

TECHNICAL SKILLS

Languages	C#, Java, TypeScript, JavaScript, SQL, T-SQL, PL/SQL
Backend / APIs	.NET 8/6/10, ASP.NET Core, Web API, WCF, Microservices (Saga), Entity Framework, LINQ,
Frontend	Angular 18/19, React, TypeScript, HTML5, CSS3, Bootstrap, AJAX, jQuery
Azure Services	Azure Functions (Durable), App Service, Service Bus, Cosmos DB, Blob Storage, Redis Cache, Key Vault, API Management, Application Insights, Azure AD, Graph API, VNET
AWS Services	Lambda, EC2, ECS, EKS, SQS, SNS, S3, RDS, OpenSearch, CloudFormation, Application & Network Load Balancer
Databases	SQL Server, MongoDB (Aggregation Frameworks, Query Tuning), PostgreSQL, AWS RDS, Cosmos DB
DevOps & SCM	Azure DevOps, CI/CD Pipelines, GitHub, TFS, SVN, Jenkins, TeamCity, ArgoCD, Docker, Terraform
Search Engines	Coveo (ML Pipeline / ART Model), Elasticsearch, AWS OpenSearch
Methodologies	Agile / Scrum, TDD, Waterfall, SOLID Design Principles
Tools	Visual Studio 2022, VS Code, SQL Server Management Studio, ServiceNow, MS Visio, GitHub Copilot

PROFESSIONAL EXPERIENCE

TCS – UPS | April 2023 – Present | Atlanta, GA

Lead Developer

- Collaborated with Senior Architects and Business Analysts to translate complex business requirements into technical low-level design documents and implementation plans.
- Designed and built a highly scaled microservices system using Azure Functions, API Gateway, Azure Service Bus, Blob Storage, Redis Cache, Azure SQL, and MongoDB.
- Developed and maintained RESTful APIs and microservices in C# / .NET 8, following clean code and SOLID design principles.
- Built and maintained responsive Single-Page Applications using Angular 18, including components, services, interceptors, directives, and route guards.
- Implemented advanced MongoDB aggregation frameworks and fine-tuned query execution plans for large-scale document-based datasets.
- Integrated GitHub Copilot into development workflows to accelerate delivery of clean, scalable code.
- Coordinated with DevOps team to set up code builds, commits, and deployment pipelines using Azure DevOps.
- Performed unit testing (nUnit) and integration testing across the application.

Tech Stack: C#, .NET 8, Angular 18, Azure Functions, Azure Service Bus, Redis Cache, Cosmos DB, MongoDB, API Gateway, Azure DevOps, GitHub Copilot

SkillGigs.com | May 2022 – April 2023 | Nashville, TN (Remote)

Senior Developer

- Collaborated with product owners and business analysts to refine user stories and define technical requirements.
- Developed RESTful APIs in .NET Core / C# and contributed to architecture discussions with BA and Scrum Master.
- Designed and executed cloud migration strategy from on-premises VMs to AWS, lifting and shifting components to EC2/RDS and re-platforming .NET 6 APIs to AWS Lambda functions.
- Built and maintained AWS infrastructure including Lambda, SQS, SNS, S3, CloudFormation, and Application/Network Load Balancers.
- Developed front-end application in Angular 16 and contributed to backend in .NET Core 6.
- Integrated Elasticsearch and AWS OpenSearch for advanced product search functionality.
- Wrote unit test cases using NUnit; conducted POC on AWS EKS for containerized workloads.
- Prepared Impact Analysis documents and Technical Design Documents for all requirements.

Tech Stack: C#, .NET 6, Angular 14, AWS Lambda, SQS, SNS, S3, EC2, RDS, Elasticsearch, OpenSearch, MongoDB

Globant | February 2021 – March 2022 | Remote

.NET Architect

- Evaluated Azure PaaS services and worked with the Technical Architect to finalize solution design.
- Built backend services in .NET Core 3.1, deployed to Azure Web Jobs and Docker containers; developed Azure Durable Functions for orchestrated workflows.
- Developed Angular 9 front-end features including Services, Components, Directives, Interceptors, and Route Guards.
- Authored and executed integration tests in .NET Core; maintained 85%+ branch coverage using MSTest framework.
- Integrated Coveo Search Engine with ML pipeline (ART model) for intelligent, relevance-tuned search recommendations.
- Managed CI/CD deployments across DEV/TEST/STAGING environments via Azure DevOps pipelines.
- Used ServiceNow for change request (CR) management and process tracking.

Tech Stack: C#, .NET Core 3.1, Angular 9, Azure Service Bus, Azure WebJobs, Durable Functions, Redis Cache, Cosmos DB, Key Vault, Graph API, Blob Storage, MSTest, Coveo

CITI Bank – CMC Project | February 2017 – January 2021 | Pune, India

Application Developer (Module Lead)

- Led independent delivery of application modules as Module Lead; earned management appreciation for on-time, quality delivery.
- Coordinated with onsite business analysts to gather, freeze, and implement requirements.
- Developed full-stack applications using .NET Core 2.0 and Angular 9; built REST API services integrating EMS Tibco for enterprise messaging.
- Managed multi-environment deployments (DEV/TEST/STAGING) via JBoss and shell scripts; used TeamCity and uDeploy for CI/CD.

Tech Stack: C#, .NET Core 2.0, Angular 9, Entity Framework, MVC 5.0, REST API, MongoDB, EMS Tibco, TeamCity, uDeploy

EARLIER EXPERIENCE

Company	Period	Role	Tech Stack
Bitwise Solutions	Mar 2011 – Feb 2017	Senior Developer	C#, ASP.NET MVC, SQL Server, HTML5, CSS3, jQuery
Sadhanasoft Overseas	Feb 2009 – Feb 2011	Software Developer	C#, ASP.NET 2.0, Web Forms, SQL Server, jQuery

EDUCATION

Bachelor of Engineering – Computer Science & Engineering

Institution of Electronics and Telecommunication Engineers, New Delhi, India | June 2011 | CGPA: 6.12

Diploma in Computer Technology

Government Polytechnic Nashik, India | June 2005 | 66%