

Nisar Ahmed Mohammed

Specializing in Scalable Microservices, Cloud-Native Apps (Azure/AWS), and Enterprise Solutions

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Professional Summary

- Full-Stack .NET Developer with 6+ years of experience delivering enterprise applications and microservices across insurance, healthcare, and non-profit domains.
- Expertise in ASP.NET Core, C#, SQL Server, and Microservices architecture, with proven success in building scalable, high-performance backends.
- Skilled in Agile/SCRUM, TDD, and CI/CD automation, ensuring efficient delivery pipelines and minimal production downtime.
- Strong foundation in OOP and SOLID principles, leveraging design patterns (Repository, Dependency Injection, Factory, Singleton) to produce clean, maintainable code.
- Proficient in Entity Framework, ADO.NET, and LINQ for efficient data access, schema design, and database migrations across SQL Server, PostgreSQL, and NoSQL databases.
- Hands-on experience building SPAs with Angular and React, implementing state management (NgRx, RxJS) and reusable components for responsive, user-friendly UIs.
- Cloud expertise across Azure (App Services, AD, API Management) and AWS (Lambda, API Gateway, S3, EC2, CloudWatch), delivering cost-optimized and secure deployments.
- Integrated authentication/authorization solutions including JWT tokens, role-based access, Azure AD, and Cognito, strengthening application security.
- Skilled in CI/CD pipelines (GitLab, Azure DevOps, Bitbucket, Bamboo) and containerization using Docker/Kubernetes, enabling faster, reliable releases.
- Recognized for improving API performance (up to 75% reduction in response time), reducing manual work by 70% through automation, and enhancing database efficiency by 15%.

Technical Skills

Backend	C#, .NET Core (4.5/6/7/8), ASP.NET MVC, Entity Framework, ADO.NET, LINQ, RESTful Web API, Microservices, Blazor, PHP
Frontend	React (JavaScript + TypeScript), Angular (2 -19), Razor Pages, ASP.NET Web Forms, WPF (XAML/MVVM), HTML5, CSS3, Bootstrap, Telerik Kendo UI, WordPress, Ellucian User Interface
Cloud Services	Microsoft Azure (App Services, Azure AD, API Management), AWS (Lambda, API Gateway, Cognito, S3, CloudFront, CloudWatch, EC2, RDS), GCP
Database Technologies	SQL Server, PostgreSQL, MySQL, MongoDB, Oracle DB, DynamoDB
API & Integration	Ellucian Ethos API, PayPal API
DevOps/Tools	Git, GitHub, GitLab, Azure DevOps, Jenkins, Docker, Kubernetes, Bamboo, Bitbucket, xUnit, NUnit, Selenium, Postman, Visual Studio, Powershell

Professional Experience

Full-Stack Web Developer

Oakland Community College -MI (Remote)

Mar 2025 – Present

- Designed, developed, and maintained full stack web applications using .NET, C#, and React in alignment with institutional requirements.
- Worked extensively with Ellucian user interface systems to build and enhance higher education administrative solutions.
- Integrated and maintained systems through Ellucian Ethos API, ensuring seamless data exchange across platforms.
- Developed and optimized T-SQL and SQL queries, supporting business intelligence and reporting needs.
- Led or supported database migration projects, including moving from MS SQL Server to PostgreSQL, ensuring data integrity and minimal downtime.

- Applied best practices in core .NET architecture, writing efficient, maintainable, and scalable code.
- Utilized Visual Studio and Visual Studio Code for development, debugging, and deployment.
- Collaborated with stakeholders to expose institutional data for reporting and analytics, improving operational effectiveness.
- Worked independently and within teams to deliver projects on schedule, adapting quickly to changing requirements.

Environment: ASP.NET Core, C#, React, T-SQL, SQL Server, PostgreSQL, Ellucian User Interface, Ellucian Ethos API, Visual Studio, Visual Studio Code, Git, PowerShell

Web Developer /.NET Developer

Jun 2024-Feb 2025

Humane Action Pennsylvania – USA

- Designed and developed C#/.NET Core REST APIs to enhance backend performance and scalability.
- Integrated WordPress CMS with custom plugins, reducing manual updates by 40%.
- Improved cross-browser responsive UI using JavaScript, HTML5, and CSS3, cutting page load time by 30%.
- Integrated PayPal donations and social media APIs, increasing online contributions and engagement.
- Used Git version control and code reviews to maintain high-quality deliverables.

Environment: ASP.NET Core, SQL Server, MySQL, WordPress, JavaScript, HTML5, CSS3, PayPal API, SEO, Git

Full-Stack Developer

Jan 2024-May 2024

Nationwide Insurance- Ohio, USA

- Developed .NET Core microservices, secured with AWS API Gateway, Cognito, and role-based access control, enabling safe communication between front-end and backend services.
- Designed and optimized RESTful APIs, reducing response times by up to 75% and improving maintainability for React-based applications.
- Built and managed PostgreSQL data models with Entity Framework Core for migrations and optimized querying.
- Delivered responsive React UIs from Figma designs using Telerik Kendo UI, Grid layouts, and state management (RxJS, NgRx), boosting responsiveness by 90%.
- Deployed front-end assets to Amazon S3 with CloudFront CDN, improving global performance and SPA routing.
- Automated CI/CD pipelines with GitLab and Azure DevOps, ensuring consistent deployments across AWS environments.

Environment: C#, .NET Core, RESTful Web API, PostgreSQL, Entity Framework Core, LINQ, React.js, RxJS, NgRx, Telerik Kendo UI, AWS (API Gateway, Cognito, S3, CloudFront, EC2, CloudWatch), GitLab, Azure DevOps

Sr. Software Engineer

Jan 2019–July 2022

LTIMindtree - Bangalore, IND

Client: **Microsoft & CIS**

- Built and optimized .NET Core APIs and C# applications with LINQ and async programming, improving scalability and performance.
- Developed Angular and Blazor-based applications, including a Database Permission Management System that automated requests, approvals, and role-based access using SQL Server and Excel uploads, reducing manual errors by 50%.
- Improved SQL Server performance by tuning queries and stored procedures, cutting execution times by 15%.
- Implemented secure authentication and authorization using Azure AD, JWT, and ASP.NET Core Identity.
- **FreshMinds Onboarding Project:** Delivered an application to onboard new joiners by uploading Excel data to SQL Server, auto-assigning assets based on region/team, generating shipment receipts, and sending email/SMS notifications.
- **Microsoft Support Project:** Supported and enhanced Microsoft's internal systems by resolving .NET + ORM issues, improving performance, and adding new feature requests.

- Deployed applications using Docker, Kubernetes, and GitLab CI/CD, ensuring reliable multi-environment rollouts.
- Awarded **A-TEAM** and **CREST** Awards for contributions to enterprise-level projects.

Environment: C#, .NET Core, ASP.NET Core, RESTful Web API, Blazor, Angular, SQL Server, Entity Framework, LINQ, Azure Active Directory, JWT, Docker, Kubernetes, GitHub/GitLab, CI/CD pipelines, BizTalk, Linux/Unix

Software Developer

Jan 2018–Dec 2018

Surya Allied Services – Hyderabad, IND

- Contributed to a Healthcare Management System for managing patient records, appointments, and billing.
- Developed ASP.NET MVC, Web Forms, Razor Pages modules, and WPF apps (XAML/MVVM) for patient registration, medical history, and reporting.
- Built and optimized RESTful APIs, CRUD operations, and SQL Server queries/stored procedures to ensure reliable patient data management.
- Ensured HIPAA compliance and secure coding practices through peer reviews and testing.

Environment: C#, ASP.NET MVC, Web Forms, Razor Pages, WPF (XAML/MVVM), Entity Framework, RESTful Web API, SQL Server, ADO.NET, LINQ, Visual Studio

Certifications

- Microsoft Certified: Azure Developer Associate Oct -2024

Academics

- **Master's in Computer Science**, University of Central Missouri, Lee Summit, MO. Oct-2024
- **Graduated in Computer Engineering**, Chaitanya Bharathi Institute of Technology, Hyderabad, INDIA. Apr-2018