

# 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

<b>Backend</b>	C#, .NET Core (4.5/6/7/8), ASP.NET MVC, Entity Framework, ADO.NET, LINQ, RESTful Web API, Microservices, Blazor, PHP
<b>Frontend</b>	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
<b>Cloud Services</b>	Microsoft Azure (App Services, Azure AD, API Management), AWS (Lambda, API Gateway, Cognito, S3, CloudFront, CloudWatch, EC2, RDS), GCP
<b>Database Technologies</b>	SQL Server, PostgreSQL, MySQL, MongoDB, Oracle DB, DynamoDB
<b>API &amp; Integration</b>	Ellucian Ethos API, PayPal API
<b>DevOps/Tools</b>	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