

# MOHAMMED NISAR AHMED

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## SUMMARY:

- Over 5+ years of experience in the Software Development Life Cycle (SDLC), covering analysis, design, development, testing, implementation, and production support.
- Proficient in Agile development methodologies.
- Strong foundation in Object-Oriented Programming (OOP) concepts, including inheritance, polymorphism, abstraction, interfaces, exception handling, partial classes, and SOLID principles.
- Proficient in designing entity models, setting up data contexts, and crafting LINQ queries for SQL Server.
- Expertise in ADO.NET and Entity Framework for streamlined database management, data access, and relationship handling.
- Strong grasp of 3-Tier and N-Tier architectures, covering Presentation, Logic, and Data layers.
- Experienced in developing and integrating RESTful services with Web API, executing CRUD operations, and enhancing API performance and scalability.
- Hands-on experience with ASP.NET MVC, implementing design patterns such as Singleton, Factory, Repository, and Dependency Injection.
- Implemented authentication and authorization mechanisms using form-based and Windows authentication, role-based access control, and user account impersonation.
- Developed scalable microservices using .NET, ensuring modularity and maintainability.
- Proficient in HTML5, CSS3, XAML, JavaScript, and jQuery for crafting responsive and interactive user interfaces.
- Experience with AJAX to enable asynchronous data retrieval and real-time updates.
- Built Single Page Applications (SPA) using Angular and React for a seamless user experience.
- Developed Angular-based applications using reactive forms, data-driven and template-driven approaches, and custom asynchronous validations.
- Applied Directives, Data Binding, and Dependency Injection in Angular to improve modularity and reusability.
- Hands-on experience with Azure API Management and integrating REST services.
- Integrated and maintained CI/CD pipelines using Bitbucket, Bamboo, Jira, and Confluence, streamlining development workflows and deployments.
- Skilled in configuring and managing IIS servers for application hosting.
- Experience working in Linux and Unix environments.
- Highly organized, with a strong work ethic and commitment to achieving client objectives.
- Effective team player with a quick learning ability, capable of prioritizing, organizing, and executing multiple tasks independently or collaboratively.

## TECHNICAL SKILLS

Backend	.NET Core, ASP.NET MVC, Entity Framework, ADO.NET, LINQ Queries, Micro Services, Web API, Node.js (Express.js), Python, C#
Frontend	React (JavaScript+ TypeScript), Next.js, Angular, HTML, CSS, Bootstrap, Material UI, Web Forms Blazor, Razor Pages, WordPress
Cloud Services	Microsoft Azure, Amazon Web Services (AWS Lambda, S3, EC2), GCP
Database Technologies	SQL Server, PostgreSQL, MySQL, MongoDB, Oracle DB.
CI/CD Tools	xUnit, NUnit, Selenium, Docker, Kubernetes, Jenkins, GitLab
Version Control	Git, GitHub, Azure DevOps, MS Team Foundation Server.

## PROFESSIONAL EXPERIENCE

**Web Developer | Pittsburgh, USA****Responsibilities**

- Developed and maintained the organization's website using WordPress, JavaScript, HTML5, and CSS3, ensuring a responsive and user-friendly interface.
- Improved website functionality by integrating custom JavaScript components, and REST APIs, enhancing user interactions and accessibility.
- Designed and implemented C# ASP.NET Core APIs to support dynamic content updates and streamline backend processes.
- Managed and optimized SQL Server for structured data storage and utilized MySQL for WordPress content management.
- Refactored code, improved page load times, and implemented SEO best practices to enhance search engine visibility and overall performance.
- Integrated CRM systems, payment gateways, and social media APIs to improve donation processing and community engagement.

**G-Square Technologies****Jan' 24 – May'24****Full Stack Developer Intern | Florida, USA****Client: Nationwide Insurance | Ohio | USA****Responsibilities**

- Analyzed, specified, designed, implemented, and tested various phases of the Software Development Life Cycle (SDLC), utilizing Agile (SCRUM) methodology for efficient application development, resulting in a 30% reduction in development time.
- Designed and implemented scalable back-end solutions using C# and .NET Core, ensuring smooth integration with front-end frameworks such as React.
- Built and optimized RESTful APIs using .NET Core, improving maintainability and reducing response times by 75%.
- Developed cloud-native microservices using .NET Core, following Microservice Design Patterns and integrating API Gateways to build scalable and resilient applications.
- Integrated PostgreSQL with .NET Core applications, optimizing query performance.
- Translated around 10 Figma designs into responsive and cross-browser compatible interfaces using Telerik Kendo UI, styled with Grid layouts, and media queries for optional user experience across devices.
- Implemented reactive programming patterns using RxJS to handle asynchronous data streams and events, improving application responsiveness by 90%.
- Crafted 20+ custom React components, directives, and pipes to supercharge application functionality.
- Applied state management techniques using NgRx to manage complex application states, leading to notable improvements in performance with 95% and scalability.
- Conducted code reviews and pair programming sessions to maintain high code quality and promote knowledge sharing within the team.

**Mindtree Limited, Bangalore, India****Jan'19 – July'22****Sr. Software Engineer | Hyderabad****Client: Mindtree Cloud Infrastructure Services (CIS) | Bangalore | IN****Responsibilities**

- Designed and deployed enterprise-level multi-threaded applications using C# and .NET, ensuring high performance and adherence to SOLID principles and Object-Oriented Design.
- Developed RESTful Web APIs using ASP.NET Core, LINQ, and Async/Await, integrating JSON-based services for seamless data exchange.
- Developed a custom tool to automate database permissions, enhancing access control accuracy and reducing human error by 50%.
- Built an internal application using .NET Core with Blazor for the front end, optimizing real-time data processing and display.

- Integrated Blazor with existing .NET backend services to facilitate seamless data exchange and enable real-time updates via emails and BizTalk services.
- Assisted in testing and deployment processes, ensuring smooth transitions across development, staging, and production environments.
- Developed secure REST API integrations using Angular 11, leveraging Azure Active Directory for authentication and ASP.NET Core Identity with JWT tokens for role-based authorization.
- Streamlined data entry using reactive forms in single-page interactive applications, reducing input errors by 40% and enhancing user satisfaction.
- Led the development of an internal application to automate asset tracking for new Mindtree employees, improving team efficiency by 70% through the transition from manual to automated processes.
- Proficiently interacted with databases using ASP.NET Core and SQL Server, optimizing SQL queries, functions, triggers, and stored procedures, leading to a 15% reduction in query execution time.
- Led technical design documentation and design reviews for UI development, aligning with business requirements and improving design efficiency by 20%.
- Managed version control using GitHub, ensuring smooth collaboration and 99% uptime by deploying code to the GIT repository.
- Utilized Docker and Kubernetes for containerization and deployment, working with GitLab 14 for version control and deploying across Test and Production servers in multiple environments.
- Recognized with A-TEAM and CREST Awards for exceptional dedication, contributing to the success of two high-impact projects.

**Surya Allied Services, Hyderabad, India**

**June'18 – Dec'18**

**Software Developer Intern | Hyderabad**

#### **Responsibilities**

- Utilized .NET object-oriented features (C#), including event handling, error management, caching, and security features.
- Designed, developed, and maintained web applications using ASP.NET MVC, C#, and Entity Framework, gaining hands-on experience in .NET development.
- Built and optimized RESTful APIs and implemented CRUD operations to enhance backend performance and scalability.
- Debugged and resolved application issues, improving troubleshooting and problem-solving skills.
- Led code quality improvements by conducting design reviews, code reviews, and secure software development practices, ensuring compliance with best practices and security standards.
- Worked with SQL Server to write and optimize queries, stored procedures, and triggers for efficient database operations.

#### **CERTIFICATIONS**

[Microsoft Certified: Azure Developer Associate](#)

Oct'2024.

#### **EDUCATION**

MS in CS, University of Central Missouri, Lee Summit, MO

May'2024.

BE in CS, Chaitanya Bharathi Institute of Technology, Hyd, India

April'2018.