

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
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, Jest, 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%.
- Built and maintained SOA and SaaS architectures for mobile middleware applications, leveraging PostgreSQL and Redis for efficient data retrieval and caching.
- Developed cloud-native microservices using .NET Core, following Microservice Design Patterns and integrating API Gateways to build scalable and resilient applications.
- Developed responsive UI components using React with Material UI, enhancing user experience.
- 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.
- Designed and implemented unit tests using Moq with MSTest/xUnit.NET, and automated testing frameworks such as Cucumber to enhance code quality and maintainability.

- 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%.
- Worked closely with cross-functional teams in Agile/Scrum environments, ensuring iterative development, continuous feedback, and on-time delivery of high-quality software.
- 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.