Mounika
.NET Developer
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SUMMARY:

- 8+ years of distinguished expertise as a .NET Developer, crafting high-performing and adaptable applications that drive innovation.
- Fluent in various technologies, including C#, VB.NET, JavaScript, .NET Core, and ASP.NET, seamlessly bridging front-end and back-end development.
- Versatile leveraging modern client-side frameworks like Angular, Blazor, and Node.js, paired with robust server-side technologies such as ASP.NET Core and Razor Pages.
- Seasoned in orchestrating cloud-driven solutions on platforms like Microsoft Azure and AWS, with a solid command of databases including PostgreSQL, SQL Server, MySQL, and MongoDB.
- Proficient in curating intuitive and visually appealing user interfaces using HTML5, CSS3, Bootstrap, and AJAX, ensuring superior user experiences.
- Adept at deploying and managing cloud-native applications, automating workflows with CI/CD pipelines through Jenkins, Docker, Kubernetes, Azure DevOps, Maven, and Terraform.
- Profound knowledge of API design, expertly implementing RESTful and SOAP services with WebAPI and WCF to enable seamless data interactions.
- Skilled in Windows desktop application development with WPF, complemented by mastery in advanced logging and monitoring using NLog, Serilog, and the ELK Stack.
- Accomplished fine-tuning web server configurations, conducting meticulous unit testing, and maintaining impeccable codebases using Git, TFS, and GitHub.
- Proactive communicator and team player, thriving in Agile/Scrum environments with hands-on experience in project tracking tools like JIRA for optimized delivery cycles.

TECHNICAL SKILLS:

Core Development Expertise: C#, VB.NET, .NET Core, ASP.NET Core, ASP.NET MVC, Entity Framework (EF) Core
Frontend and User Experience: TypeScript, JavaScript, HTML5, CSS3, Bootstrap, Blazor, Razor, React, jQuery, AJAX
Database and Backend: SQL Server, CosmosDB, MySQL, MongoDB, Oracle
Cloud Platforms: Azure (App Service, Azure Logic Apps, Functions, Storage), AWS (EC2, RDS, S3, Lambda, Autoscaling, API Gateway, SQS, SNS)
Development Environments: Visual Studio, Visual Studio Code, Rider IDE, Eclipse
Architectural Patterns: Microservices, GraphQL, Kafka, RabbitMQ, SignalR
API Development: RESTful APIs, Swagger, XML, JSON
Containerization and Deployment: Docker, Kubernetes
Monitoring and Logging: ELK Stack, Splunk, Azure Monitor, Log4Net
Testing and Quality Assurance: NUnit, xUnit, MSTest, Mockito
Version Control: Git, GitHub, BitBucket, TFS
CI/CD Pipelines: Azure DevOps, Jenkins
Server Management: Kestrel, Nginx, IIS
Security Practices: OAuth, JWT (JSON Web Token)
Agile Tools: JIRA, Confluence

PROFESSIONAL EXPERIENCE:

EY, Alpharetta, GA | .NET Developer | Apr 2022 - Present
- Architected robust web applications with ASP.NET Core and developed dynamic interfaces using Blazor and Razor components, with excellent user feedback.
- Led the end-to-end development and delivery of software solutions throughout the SDLC using C# and .NET Core.

- Engineered RESTful APIs with API Management, ensuring seamless integration and robust uptime through Swagger documentation.
- Applied secure authentication and authorization on Azure Active Directory based on industry compliance standards
- Used Azure DevOps for automation of build and deployment workflow that accelerated timelines considerably.
- Incorporated Apache Kafka for real-time data streaming, enhancing operational efficiency and throughput.
- Administered SQL Server databases with high availability and optimized query performance.
- Used CosmosDB for distributed, scalable database solutions meeting global application demands.
- Optimized application efficiency by querying refinement and smart caching.
- Designed responsive layouts with Bootstrap and used AJAX for asynchronous data interactions, improving usability.
- Developed interactive web pages with HTML5, CSS3, and JavaScript to enhance user engagement.
- Contributed to Agile and Scrum processes by driving sprint planning, retrospectives, and performance tracking with JIRA and Azure Monitor.
- Designed cloud architecture that was scalable and highly reliable by using Azure's offerings, such as Blob Storage, App Service, and Functions.
- Modeled complex data structures and queries within Snowflake for advanced data warehousing.
- Invented GraphQL APIs to facilitate data retrieval and optimize communication between the client and server.
- Used Entity Framework (EF) Core for effective data manipulation and abstraction layers.
- Controlled versioning and source code integrity with GitHub and enforced quality through rigorous NUnit testing.
- Improved productivity through advanced debugging and development workflows of Rider IDE.
- Generated actionable business insights with customized Crystal Reports for data-driven decision-making.
- Used NuGet to manage external dependencies, thus ensuring smooth integration of libraries and tools.
- Utilized XML, XSLT, and XSD files to structure and validate data, thus ensuring high data integrity.
- Configured and deployed web solutions on IIS to provide secure, high-performance environments.
- Containerized applications using Docker and orchestrated deployments via Kubernetes to scale and recover.

Environment: C#, .NET Core, ASP.NET Core, Azure, CosmosDB, SQL Server, Swagger, EF Core, Blazor, Kafka, AJAX, XML, Razor, NUnit, Rider IDE, GitHub, NuGet, Azure Monitor, IIS, Agile, Scrum, JIRA

Peerform, New York, NY | .Net Developer | Dec 2020 – Mar 2022

- Designed and optimized high-performance web applications with ASP.NET Core and C#, boosting system reliability and scalability.
- Architected secure RESTful APIs using ASP.NET Web API for efficient client-server communication.
- Built and deployed microservices with Docker and Kubernetes, ensuring scalability and maintainability.
- Harnessed Azure App Service, Functions, and ADF to create resilient cloud solutions and automate data workflows.
- Implemented data access strategies with Entity Framework and MVVM for clean, testable code.
- Secured web applications with OAuth for authentication and authorization, meeting industry standards.
- Developed dynamic web pages with Razor, HTML5, CSS3, JavaScript, and jQuery to enhance user engagement.
- Built modern SPAs with React and Redux, enhancing state management and navigation via React Router for a seamless user experience.
- Accelerated real-time data updates with AJAX and SignalR, significantly improving data refresh speed and responsiveness.
- Generated insightful and detailed reports with SSRS, improving data-driven decision-making and business intelligence accuracy.
- Coordinated with team members using Bitbucket for version control, Jenkins for CI/CD pipelines, and JIRA for efficient project tracking.
- Ensured robust code quality through comprehensive unit tests using xUnit, fostering reliable application development.
- Streamlined data integration processes by managing XML for configuration and data exchange across systems.
- Configured and maintained the Kestrel web server, optimizing HTTP request handling in .NET applications.
- Implemented logging and monitoring solutions with the ELK stack to ensure application stability and detect issues proactively.
- Managed MySQL and MongoDB databases for efficient data storage and querying.

- Utilized Eclipse to streamline development workflows and follow best coding practices.

Environment: C#, ASP.NET Core, ASP.NET Web API, Kestrel, React, SignalR, MongoDB, MySQL, EF, Razor, SSRS, Azure, Azure DevOps, OAuth, ELK stack, Docker, Kubernetes, Jenkins, xUnit, AJAX

Eastern Bank, Boston, MA | .Net Developer | Dec 2018 - Nov 2020

- Developed high-performance applications with VB.NET, ASP.NET, and .NET Core for cross-platform solutions.
- Designed and developed SPAs using TypeScript and Angular, creating intuitive and responsive user interfaces for enhanced user experiences.
- Leveraged Visual Studio for development, debugging, and performance tuning to boost efficiency.
- Managed cloud infrastructure on AWS, utilizing EC2, S3, and Lambda to enhance scalability and ensure high application availability.
- Managed relational databases with AWS RDS, optimizing performance and reliability.
- Used LINQ for advanced data querying, enhancing application responsiveness.
- Engineered and deployed WCF services, ensuring secure and reliable communication between distributed systems.
- Implemented asynchronous communication and dynamic content updates using Ajax, transforming user interaction and boosting engagement.
- Integrated RabbitMQ for efficient messaging and queuing, enhancing inter-service communication and data flow management.
- Secured API communication with JSON Web Tokens (JWT), ensuring robust authentication and authorization.
- Optimized build and deployment pipelines with Jenkins, streamlining CI/CD processes and accelerating release cycles.
- Configured Nginx for load balancing and reverse proxy, improving performance.
- Conducted unit testing with Mockito and analyzed logs with Splunk to refine troubleshooting.
- Documented and collaborated on projects using Confluence, adhering to Agile methodologies like Kanban for timely and efficient feature delivery.
- Utilized TFS for version control and project management, ensuring seamless collaboration.

Environment: VB.NET, ASP.NET, .NET Core, WCF, RabbitMQ, Nginx, AWS, AWS RDS, LINQ, TypeScript, Angular, JWT, Ajax, Jenkins, TFS, Mockito, Kanban, Agile, Confluence, Splunk.

Vishay, Malvern, PA | Software Developer | Oct 2016 - Nov 2018

- Developed robust applications using C# and ASP.NET MVC, delivering dynamic, data-driven web solutions with strong functionality.
- Crafted and styled interactive web pages with HTML, CSS, and JavaScript, ensuring responsive layouts and seamless cross-browser compatibility.
- Utilized ADO.NET to streamline data access and manipulation, optimizing database connectivity and retrieval processes.
- Managed and optimized Oracle databases, executing SQL queries and stored procedures to boost performance.
- Tracked tasks via JIRA and utilized JSON for seamless client-server data exchange.
- Designed user-friendly interfaces with WPF and XAML, enhancing desktop application engagement.
- Performed unit testing with MSTest to validate code quality and functionality.
- Leveraged Visual Studio Code for coding, debugging, and performance optimization, improving development efficiency and productivity.
- Integrated Log4Net for logging and error-handling, enhancing stability and debugging.
- Managed version control with Git, ensuring consistent code collaboration.
- Created UML diagrams to visualize software architecture, improving project coordination.

Environment: C#, ASP.NET MVC, WPF, XAML, Visual Studio Code, GIT, ADO.NET, JSON, SQL, Oracle, Log4Net, MSTest, JIRA

EDUCATION:

- Bachelors in ECE, JNTU, India.