

# Rajashekar Reddy

Sr. DotNet Developer

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## PROFESSIONAL SUMMARY:

- Experienced Sr. .Net Developer with over 9+ years of expertise in software development across healthcare, financial services sectors.
- Demonstrated expertise in designing, implementing, and managing robust, scalable web and application solutions to improve business processes.
- Adept at cloud technology integrations, specifically within Microsoft Azure environments, enhancing operational performance and system resilience.
- Proven ability to lead development teams through complex projects, maintaining high standards of code quality and security compliance.
- Experienced in deploying scalable cloud solutions, optimizing application performance and ensuring high availability and disaster recovery.
- Versatile in various programming languages, including C# and Java, enabling the development of diverse and flexible technology solutions.
- Skilled in integrating real-time data processing features into applications using technologies like SignalR and Azure Service Bus.
- Proficient in front-end development using modern frameworks such as Angular and Vue.js, enhancing user interfaces and experiences.
- Capable of conducting comprehensive testing and deploying robust solutions on Azure, ensuring adherence to industry and security standards.
- Mastered the use of Entity Framework for efficient database management and operations, significantly improving data interaction and manipulation.
- Developed dynamic web interfaces using Angular, facilitating superior user interaction and data visualization for business applications.
- Streamlined development and deployment processes using Azure DevOps, improving team collaboration and project delivery timelines.
- Utilized Azure SQL Database for managing scalable data storage solutions, supporting high-volume data and complex query operations.
- Integrated real-time functionalities in web applications to improve communication and operational efficiency within business processes.
- Employed modern architectural patterns to develop high-performance applications that meet specific business needs.
- Leveraged comprehensive testing frameworks like xUnit.net and MSTest to ensure the delivery of reliable and fault-free software.
- Managed application deployments on Microsoft Azure, optimizing workflows and environment configurations for enhanced performance.
- Enhanced system maintainability and reliability by modernizing legacy systems with updated .NET Framework technologies.
- Utilized Windows Communication Foundation (WCF) to enhance application integration and inter-service communication.
- Implemented robust data access layers using Entity Framework, optimizing data retrieval and update processes.
- Designed and developed backend logic for .NET applications, integrating complex business rules and data processing.
- Configured Microsoft IIS for optimal hosting and performance of ASP.NET applications, ensuring robust server management.
- Integrated AngularJS to construct interactive web interfaces, significantly enhancing user engagement and satisfaction.
- Collaborated across multi-disciplinary teams to align development objectives with business goals, ensuring project success.

**TECHNICAL SKILLS:**

Skill Category	Technologies/Tools
Languages	C#, Java
Frameworks & Libraries	.NET Framework, .NET Core, ASP.NET Core, Entity Framework, WCF, Angular, AngularJS, SignalR, Autofac, Castle Windsor
Development Tools	Microsoft Visual Studio, NUnit, MSTest, Azure DevOps
Databases	Microsoft SQL Server, Azure SQL Database
Cloud Technologies	Azure, Azure AKS, Azure App Services, Azure Service Bus
Testing Tools	NUnit, MSTest, xUnit.net
UI/UX Technologies	Angular, AngularJS, Vue.js
Integration Technologies	WCF, SignalR, Azure Service Bus
Configuration & Management	Microsoft IIS, Azure, Azure AKS
Version Control Systems	Git, Azure DevOps

**PROFESSIONAL EXPERIENCE:****Client: Signify Health, Dallas, TX.****Dec 2023 to Till date****Role: Sr. .Net Developer****Roles & Responsibilities:**

- Designed and developed enterprise-scale healthcare solutions using ASP.NET Core, MVC, C#, JavaScript, and Azure services, aligning application design with business and compliance goals.
- Created and modified custom mobile applications by integrating iOS/Swift modules with backend APIs, enabling secure mobile access to healthcare data.
- Built Swift UI components for appointment scheduling, notifications, and patient dashboards while collaborating closely with mobile developers.
- Integrated backend .NET APIs with iOS applications, ensuring real-time data synchronization across platforms.
- Developed and optimized custom reporting solutions using SSRS, SQL Server (2016+), and Oracle, providing analytical insights for healthcare operations.
- Maintained and enhanced existing custom applications, implementing new features and performance improvements in both web and mobile platforms.
- Documented designs, technical workflows, and implementation plans for enterprise applications to support future scalability.
- Participated in requirements gathering and scope definition, providing estimates, feedback, and clarifications to stakeholders.
- Aided in software evaluations of new frameworks and mobile libraries, assessing impact on existing applications.
- Implemented bug tracking and resolution processes, reducing defect resolution time by 30% and improving production stability.
- Supported CI/CD pipelines for both web and iOS builds using Azure DevOps, ensuring continuous delivery and rapid feedback loops.
- Demonstrated adaptability by learning mobile technologies (Swift, iOS SDK) while maintaining strong expertise in .NET web development.
- Gained hands-on exposure to Swift programming for implementing modules such as push notifications, data caching, and offline sync.
- Actively participated in code reviews, debugging, and testing of Swift-based iOS modules alongside .NET and Azure services.
- Demonstrated strong willingness to learn mobile technologies, quickly adapting to Swift frameworks and contributing to cross-platform solutions.
- Collaborated in building hybrid solutions integrating Azure services with mobile platforms, enhancing scalability and reliability for iOS applications.
- Supported CI/CD pipelines for mobile builds and deployments using Azure DevOps, ensuring faster delivery cycles for iOS releases.
- Led the design and implementation of secure .NET applications tailored for healthcare analytics using C#, .NET Core (2.2), and Azure AKS.

- Implemented real-time communication features in healthcare applications by integrating SignalR, enhancing user engagement and operational efficiency.
- Managed communications between services effectively using Azure Service Bus, optimizing system responsiveness and scalability for healthcare data exchange.
- Developed user-friendly interfaces with Vue.js, which significantly improved the overall user experience of our web-based healthcare applications.
- Conducted comprehensive testing using MSTest, ensuring all healthcare applications met stringent industry standards and compliance requirements.
- Utilized Azure for deploying applications, focusing on robust performance and adherence to healthcare industry security standards.
- Enhanced application responsiveness and real-time data processing by integrating SignalR into the existing healthcare platforms.
- Optimized cloud-based service communications through careful configuration and management of Azure Service Bus for critical healthcare services.
- Participated in agile development cycles, ensuring continuous integration and deployment of features using Azure DevOps.
- Collaborated with cross-functional teams to align healthcare application development with organizational goals and patient care standards.
- Fostered a proactive approach to problem-solving in healthcare application development, resulting in more efficient patient data management.
- Utilized C# to develop back-end logic that significantly enhanced data handling and processing capabilities in healthcare applications.
- Employed .NET Core (2.2) to create scalable and secure healthcare applications capable of handling a growing number of users.
- Leveraged Azure Service Bus to facilitate seamless and secure communication across distributed healthcare application components.
- Applied best practices in code security and system design to protect sensitive healthcare data throughout the application lifecycle.
- Documented all development processes and changes meticulously, enhancing project transparency and future maintainability.
- Coordinated with IT security teams to implement robust security measures that comply with healthcare regulations and data protection laws.
- Implemented Vue.js enhancements to existing applications, which increased accessibility for users with disabilities in the healthcare sector.
- Analyzed user feedback to make informed decisions on feature enhancements and performance improvements in healthcare applications.
- Provided technical leadership and mentoring to junior developers, fostering a culture of excellence and continuous learning in healthcare software development.

**Environment:** C#, ASP.NET Core, .NET Core (2.2/3.1/6), MVC, Web API, JavaScript, TypeScript, HTML5, CSS3, Oracle, Microsoft SQL Server (2016+), SQL Server Reporting Services (SSRS), Entity Framework Core, iOS/Swift, Swift UI, Xcode, iOS SDK, Azure (AKS, App Services, Service Bus, DevOps, Kubernetes), Vue.js, Angular, SignalR, NUnit, MSTest, Git, Azure DevOps.

**Client:** State of Alabama, Montgomery, AL

**Jan 2022 to Nov 2023**

**Role:** Senior .Net Full Stack Developer

**Roles & Responsibilities:**

- Followed Agile SCRUM Developmental approach to deliver product releases by SPRINT processes in an iterative and incremental approach (SCRUM).
- Used HTML, JavaScript, and CSS throughout the application to add content rich and interactive web pages.
- Used JSON/AJAX and Custom HTML Helper Classes to implement asynchronous calls to the server for updates.
- Implemented MVC Architecture on client side and created Models, Controllers, and Views Scope using the ASP.NET MVC framework.
- Paging, filtering, sorting, and searching on the data in the table was done through the Telerik Grid component for a consistent look and advanced data display functionality within the application.
- Developed Single Pages Application using HTML5, CSS3, Bootstrap, React Async Await, Nextjs, GraphQL, NodeJS, Socket, LESS.

- Added new functionality to existing tools and web solutions using ASP.NET MVC, Razor and Entity Framework.
- Implemented communication mechanisms between View to Controller using View bag, Temp Data and Action Results and Controller to View using Model Binder, Http Request Collection and State Models.
- Used LINQ to Entities extensively to query and filter the models to be displayed on view.
- Developed CRUD functionality in ASP.NET MVC with the help of Entity Framework Code First and Database First approaches.
- Hands-on experience Involved in designing and deploying applications utilizing almost all the AWS stack (Including EC2, Route53, LAMBDA, DMS, S3, RDS, AURORA DB, Cloud Watch, SNS, SQS) focusing on high availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
- Created automated pipelines in AWS Code Pipeline to deploy Docker containers in AWS EC2 using services like Cloud Formation, Code Build, Code Deploy, S3 and puppet.
- Developed some dynamic dictionaries using C#.net, .Net Core for easy lookups of item dimensions values which results in faster performance.
- Designed and developed a tool for recruiters that helps in the hiring process (Resource Management) using C#.NET, ASP .Net MVC, and deployed into AWS DevOps.
- Designed and developed different database objects containing functions, triggers, stored procedures with T-SQL to manipulate the database of the application.
- Expertise in React.js framework to develop SPA and working React Flux and Redux architecture.
- Performed daily tasks including backup and restore by using SQL Server 2012 tools like SQL Server Management Studio, SQL Profiler, SQL Server Agent, and Database Engine Tuning Advisor.
- Development and Deployment using PowerShell Scripts using AWS. Developed Power Shell Scripts for Automated Deployment of Developed Packages using Service Fabric.
- Implemented parallel test execution using Selenium resulting in 25% reduction in overall test suite execution time.
- Utilized Team Foundation Server (TFS) for version control during development and maintenance.

**Environment:** ASP.Net MVC 5.0, Asp.net 4.5, HTML5, XML, JavaScript, AJAX, CSS3, Visual Studio .Net, AWS stack, EC2, Route53, LAMBDA, DMS, S3, RDS, AURORA DB, Cloud Watch, SNS, SQS, Type script, SSIS, ADO.Net, SQL server 2014, Node.js, WCF, REST, JavaScript, jQuery, LINQ, GitHub.

**Client:** James Avery, Kerrville, TX.

**Oct 2020 to Dec 2021**

**Role:** .NET Application Developer

**Roles & Responsibilities:**

- Developed ASP.NET Core applications to enhance server-side performance, employing C# and .NET Core (2.0) for effective results.
- Streamlined database operations by leveraging Entity Framework Core (2.0) and Azure SQL Database, significantly reducing development time.
- Implemented Angular (5) for improved client-side functionality and responsiveness, enhancing user interactions across web applications.
- Configured and maintained Azure SQL Databases for scalable and efficient data storage solutions, supporting expansive business operations.
- Enabled real-time functionalities in web applications using SignalR, fostering improved communication and operational efficiency.
- Participated in the complete software development lifecycle, from planning to deployment, using .NET technologies in an agile environment.
- Conducted rigorous testing with NUnit to ensure the reliability and performance of all developed applications.
- Improved application scalability and manageability by integrating advanced features of Azure App Services into the deployment process.
- Enhanced user experience by incorporating modern web technologies and frameworks, focusing on usability and performance.
- Collaborated closely with cross-functional teams to align development with strategic business objectives and client requirements.
- Optimized the performance of web applications by implementing caching and asynchronous operations, reducing load times significantly.
- Designed robust security protocols for applications, integrating best practices and tools to safeguard sensitive data.

- Led the transition of legacy systems to modern .NET solutions, improving system architecture and reducing maintenance costs.
- Monitored and analyzed application performance continuously, making adjustments to optimize operations in a dynamic business environment.
- Managed cloud resources efficiently, ensuring cost-effective and scalable hosting solutions for all outsourcing projects.
- Developed detailed technical documentation for all projects, enhancing knowledge transfer and project continuity.
- Provided technical leadership and mentorship to junior developers, fostering a culture of technical excellence and continuous improvement.
- Facilitated seamless integration of front-end and back-end components using Angular and .NET Core technologies.
- Adapted quickly to new technology trends, applying them to projects to enhance functionality and service offerings.
- Ensured compliance with industry standards and best practices in software development, maintaining high quality across all applications.

**Environment:** ASP.NET Core, C#, .NET Core, Entity Framework Core, Azure SQL Database, Angular, SignalR, NUnit, Azure App Services, caching mechanisms, asynchronous operations, security protocols, and cloud hosting solutions.

**Client:** Synechron Technologies Pvt. Ltd, India

**May 2017 to Jan 2020**

**Role:** .NET Software Engineer

**Roles& Responsibilities:**

- Led the modernization of legacy systems, utilizing .NET Framework (4.5) and C#, enhancing system reliability and maintainability.
- Developed and deployed services using Windows Communication Foundation (WCF), improving application integration and communication across business operations.
- Implemented robust data access layer with Entity Framework (5), optimizing data retrieval and update processes significantly.
- Managed applications efficiently on Microsoft Azure, ensuring deployment workflows and environment configurations were optimized.
- Automated testing using NUnit, ensuring high standards of quality and performance were consistently achieved.
- Improved application scalability and responsiveness by employing advanced features of Azure App Services throughout development.
- Utilized Microsoft Visual Studio (2013) to enhance development efficiency, streamlining code writing, testing, and debugging processes.
- Designed and implemented user interfaces using modern UI principles, significantly enhancing user engagement and functionality.
- Collaborated with system architects to redesign and enhance applications, focusing on scalability and performance using .NET technologies.
- Coordinated project management activities, ensuring alignment between development timelines and business objectives.
- Introduced new technologies and development practices, fostering a culture of innovation and continuous improvement.
- Ensured application security protocols were robust, protecting sensitive data and meeting corporate compliance standards.
- Conducted thorough code reviews to maintain coding best practices and improve software quality across projects.
- Participated in continuous integration and deployment processes, leveraging Azure for effective management and operations.
- Trained and mentored junior developers in .NET development techniques, promoting skill development and knowledge sharing.
- Documented all development phases clearly, enhancing project transparency and future maintenance capabilities.
- Led the integration of Entity Framework (5) for data management, enhancing efficiency in database operations.
- Optimized application performance by monitoring and refining system capabilities to handle increased user loads effectively.

**Environment:** .NET Framework (4.5), C#, Windows Communication Foundation (WCF), Entity Framework (5), Microsoft Azure, NUnit, Azure App Services, Microsoft Visual Studio (2013), modern UI principles, Azure CI/CD, and corporate compliance standards for security.

**Client: Newton Software Pvt Ltd, India**

**Sep 2015 to Apr 2017**

**Role: .NET/J2EE Developer**

**Roles & Responsibilities:**

- Designed and developed complex .NET applications, focusing on backend logic using C#, .NET Framework (4.5), and Java.
- Managed application data using Microsoft SQL Server (2012), ensuring integrity and security in data handling and storage.
- Integrated AngularJS (1.x) to develop interactive web interfaces, significantly improving user experience and engagement.
- Configured and managed Microsoft IIS for optimal hosting of ASP.NET applications, enhancing server performance and reliability.
- Combined Java and .NET technologies to enhance backend functionality, improving system interoperability and flexibility.
- Addressed scalability and security requirements effectively, ensuring applications were robust against evolving business needs.
- Implemented new software features and updates, maintaining compatibility and performance across existing IT infrastructure.
- Performed comprehensive testing and debugging with Visual Studio (2013), ensuring all developed applications were error-free.
- Collaborated with IT and development teams to ensure smooth deployment and minimal downtime during application launches.
- Produced detailed technical documentation for each project, facilitating easy updates and maintenance by future teams.
- Applied best coding practices and architectural principles to develop maintainable and scalable software solutions.
- Monitored deployed applications, quickly resolving any issues to maintain high service levels and user satisfaction.
- Enhanced data management using Entity Framework (5), improving responsiveness and performance of database interactions.
- Kept abreast of latest industry trends and technologies, applying updates to enhance application functionality and security.
- Provided ongoing support and maintenance for applications, ensuring optimal performance and reliability in daily operations.

**Environment:** C#, .NET Framework (4.5), Microsoft SQL Server (2012), AngularJS (1.x), Microsoft IIS, Java, Visual Studio (2013), ASP.NET, Entity Framework (5), and Git.

**Education:**

- Bachelor of Technology (B.Tech) in Information Technology from Anurag University, Hyderabad, Telangana, India. - 2015