

# Bhavishya Reddy

## .Net Developer

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### Summary

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- **.NET Developer with around 4 years of experience** in building scalable web applications using C#, ASP.NET Core, and microservices architecture, ensuring high availability and performance.
- Expert in designing and optimizing RESTful APIs, implementing GraphQL, and enhancing database efficiency with Entity Framework, SQL Server, and NoSQL solutions like MongoDB.
- Strong team player with excellent communication and collaboration skills, adept at working in Agile environments and collaborating with cross-functional teams.
- Proficient in cloud-native development, deploying applications on AWS and Azure using Docker, Kubernetes, and serverless technologies like AWS Lambda and Azure Functions.
- Skilled in full-stack development with React, Angular, and Blazor, creating dynamic user interfaces that seamlessly integrate with .NET backend services.
- Committed to continuous learning and staying updated with the latest technologies and best practices in software development.
- Adept at DevOps practices, implementing CI/CD pipelines with GitHub Actions, Azure DevOps, Terraform, and security best practices like OAuth2, JWT, and IdentityServer.
- Experienced mentoring junior developers and fostering a collaborative team environment focused on excellence and continuous improvement.
- Results-oriented professional with a proven track record of delivering projects on time and within budget, exceeding client expectations.

### Skills

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- **Backend Development:** .NET Framework, C#, ASP.NET MVC, Entity Framework, Spring MVC, Hibernate, NodeJS
- **Programming Languages:** .NET (C#), Python, Scala, SQL, T-SQL, PL/SQL
- **Web Technologies / XML Technologies:** ASP.NET 4.0/3.5, MVC 4.0/3.0, Ajax 3.0/2.0, Web API, JavaScript, jQuery, Knockout JS, Bootstrap, AngularJS, TypeScript, Entity Framework 6, XML, XDOCUMENT, XSLT, XPATH, XSL
- **Databases:** MySQL, Microsoft SQL Server, Oracle, NoSQL, SSMS, SQL Profiler, Query Analyzer
- **Web Development/ API Development:** HTML5, CSS3, JavaScript (jQuery, AJAX), TypeScript, React, Angular, WPF, RESTful APIs
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure (Blob Storage, Virtual Machines, AI, Azure DevOps, App Services)
- **Frameworks & Libraries:** .NET (ASP.NET MVC, Entity Framework)
- **Development Tools/ DevOps Tools/ Version Control:** JIRA, CI/CD (Jenkins, Azure DevOps), Visual Studio, PyCharm, Sublime Text, Eclipse, IntelliJ IDEA, Xcode, Docker, Kubernetes, Jenkins, Ansible, Terraform, Git (GitHub, GitLab)
- **Business Tools:** SSRS, SSIS, QlikView, Crystal Reports
- **Operating Systems:** Windows, macOS, Linux

### Experience

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#### State Street, USA | .Net Developer

Oct 2023 - Current

- Actively participated in migration of legacy systems to .NET Core, boosting performance by optimizing response times and developing a data migration tool using Entity Framework for precise and efficient record transfer.
- Designed and built dynamic front-end components leveraging HTML, CSS, TypeScript, Bootstrap, jQuery, and Angular frameworks, ensuring responsive and intuitive user interfaces across multiple devices.
- Developed and integrated RESTful and web APIs to enable seamless data exchange and system interoperability between CRM, ERP, and .NET-based applications.
- Developed scalable and high-performance applications using C#, .NET Core, and ASP.NET MVC/Web API, implementing microservices architecture with containerization (Docker, Kubernetes) for cloud-native solutions on Azure.
- Improved database performance for MS SQL, Cassandra, and MongoDB by implementing advanced indexing strategies and optimizing queries, resulting in significantly faster execution times.
- Optimized backend performance by implementing asynchronous programming (async/await), parallel processing, and caching mechanisms (Redis, MemoryCache) to enhance application responsiveness and scalability.
- Integrated authentication and authorization using OAuth 2.0, JWT, and IdentityServer for secure API development, adhering to best practices in security and compliance (SOC 2, HIPAA, PCI DSS).

- Partnered with cross-functional and offshore teams to streamline the development lifecycle, delivering comprehensive full-stack application solutions.
- Deployed .NET applications on Azure, utilizing services such as Blob Storage, Virtual Machines, and Azure Functions to provide scalable and reliable hosting solutions.
- Enhanced software quality by adopting BDD and TDD methodologies, collaborating with QA teams and employing testing frameworks like NUnit, xUnit, Karma, and Jasmine to maximize test coverage and ensure defect-free releases.
- Implemented DevOps best practices, managing version control with Git, automating CI/CD workflows with Jenkins, and containerizing applications using Docker for efficient deployments and streamlined debugging.

### **GlobalTech, India | .Net Developer**

**Feb 2020 - Aug 2022**

- Designed and deployed backend services using C#, ASP.NET, and .NET Core in a microservices architecture, ensuring seamless integration with enterprise systems while enhancing system scalability and adaptability.
- Developed enterprise applications using C#, .NET Core, and ASP.NET MVC/Web API, integrating with React for modern UI development, ensuring seamless end-to-end functionality.
- Implemented RESTful APIs to enable streamlined communication between applications, facilitating efficient data exchange and automating key workflows.
- Designed and optimized complex SQL queries, stored procedures, and indexing strategies in SQL Server and MySQL to enhance database performance and scalability in high-volume applications.
- Improved database operations in MySQL to manage surplus property data, optimizing query performance and significantly reducing data retrieval times.
- Partnered with front-end teams to create responsive and user-friendly interfaces using HTML5, CSS3, JavaScript, and React, delivering enhanced user experiences across various platforms and devices.
- Implemented automation frameworks using Selenium with C# for UI testing and NUnit/xUnit for unit testing, improving software quality and deployment efficiency in CI/CD pipelines.
- Deployed and managed applications on AWS, utilizing services like EC2, S3, RDS, Lambda, and CloudFormation to ensure scalable, secure, and reliable production environments.
- Maintained source code with Git, enabling effective version control, fostering team collaboration, and ensuring efficient codebase updates.
- Applied Agile practices for iterative development and efficient project management, ensuring the timely delivery of robust and high-quality software solutions.

## **Education**

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### **Master's in Computer Science**

Saint Louis University, Saint Louis, MO