

Kartheek Rayala

.NET Developer

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Summary:

Results-driven .NET Developer with 5+ years of experience in designing, developing, and deploying scalable web and enterprise applications using ASP.NET Core, MVC, Entity Framework Core, and SQL Server. Proven expertise in developing RESTful APIs, optimizing database performance, and enhancing application scalability through Azure DevOps CI/CD pipelines. Strong knowledge in building secure and responsive web applications while ensuring high code quality and performance using TDD (Test-Driven Development). Adept at collaborating with cross-functional teams to deliver high-quality software solutions.

Technical Skills:

Programming Languages: C#, VB.NET, C++, Java, Python, SQL, JavaScript, TypeScript

Web Technologies: ASP.NET Core, ASP.NET MVC, Entity Framework Core, RESTful APIs, HTML5, CSS3, JavaScript, Angular, React, Bootstrap, Blazor

Database Management: MS SQL Server, MySQL, PostgreSQL, NoSQL, MongoDB, Redis

Development Tools: Visual Studio, Git, Azure DevOps, Docker, Kubernetes, Jira, Postman

CI/CD & Cloud Platforms: Azure DevOps, AWS, Google Cloud, Azure Cloud Services

Microservices & Architecture: Docker, Kubernetes, RabbitMQ, Kafka, gRPC

Testing & Security: NUnit, xUnit, Selenium, OWASP, SonarQube

Reporting & Analytics: Power BI, Crystal Reports, SQL Server Reporting Services (SSRS)

Soft Skills: Strong Communication, Problem-Solving, Time Management, Team Collaboration

Professional Experience:

.Net developer, Dell Technologies

Jan 2023- Present

- Developed and deployed 15+ scalable .NET applications using ASP.NET Core, Entity Framework Core, and MS SQL Server, improving application performance by 35%.
- Built and maintained 10+ secure RESTful APIs for seamless data interchange, supporting over 20,000 monthly transactions.
- Designed and implemented responsive user interfaces using React, Angular, HTML5, CSS3, JavaScript, and Bootstrap, reducing post-deployment defects by 30%.
- Utilized Azure DevOps and Docker to implement CI/CD pipelines, reducing deployment time by 50% and ensuring 100% adherence to security standards.
- Migrated legacy .NET applications to ASP.NET Core, enhancing scalability and performance by 40%.
- Implemented microservices architecture using Docker, Kubernetes, and RabbitMQ, improving application resilience.
- Prepared comprehensive technical documentation, including design patterns, API specifications, and deployment manuals.

.NET developer, Sonata Software

Mar 2018 – Aug 2021

- Developed 10+ responsive web applications using ASP.NET Core, MVC, and Entity Framework Core, ensuring cross-browser compatibility.
- Designed and implemented 8+ RESTful APIs for data interchange, improving data retrieval time by 30%.
- Implemented unit and integration tests using xUnit and NUnit, improving code quality and reducing post-deployment defects by 20%.
- Enhanced data processing by designing optimized ADO.NET data access layers, reducing query execution time by 30%.
- Developed Windows Communication Foundation (WCF) services to facilitate interoperability across distributed systems.
- Worked with SQL Server Reporting Services (SSRS) and Power BI to generate customized reports, reducing manual report creation time by 50%.
- Utilized Azure DevOps, Docker, and Kubernetes for source control, deployment automation, and CI/CD pipelines, resulting in faster and error-free deployments.

Education:

Masters of Science in Computer Science, University of North Texas