

Spandana Devi Nalluri

Senior Software Developer

Permanent Residence: Ottawa, ON, CANADA

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Professional Summary:

- Accomplished Full Stack Developer with 6.5 years of experience specializing in .NET technologies, web application development, and cloud-based solutions. Proficient in both front-end (HTML, CSS, JavaScript, TypeScript, React) and back-end (ASP.NET, Web API, Node.js) development.
- Expertise in project management, including requirements analysis, client communication, and testing, with a strong track record of delivering scalable and maintainable solutions.
- Skilled in developing Microservices, RESTful APIs, and implementing clean architecture using .NET 5.0/6.0.
- Strong experience in containerization with Docker and orchestration using Kubernetes, alongside Azure cloud services for resilient and scalable deployment.
- Demonstrated leadership in cross-functional teams, utilizing Agile methodologies (Scrum) to ensure timely delivery and alignment with project goals.
- Hands-on with CI/CD pipelines, automated testing (MS Unit Test), and secure cloud practices using Azure Key Vault.

Work Experience:

Accenture – Avanade

Role: Software Product & Platforms Engineering Senior Analyst

Duration: March 2018 – August 2024

Project #1: Data Universe - Dec 2020 – Aug 2024

Environment: .NET 5.0/6.0, Web API, MongoDB, MS Unit Test, Docker, Kubernetes (AKS)

Responsibilities:

- Spearheaded end-to-end development of a full-stack application using .NET, leading migration from Java to C# and enhancing both front-end and back-end performance.
- Designed and optimized MongoDB schemas for scalability, ensuring seamless data management and integration with the application.
- Upgraded the application from .NET 5.0 to .NET 6.0, leveraging new features for improved performance.
- Developed Web APIs to ensure efficient communication between system components, optimizing overall system efficiency.
- Led comprehensive testing using MS Unit Tests, integrated CI/CD pipelines via Azure DevOps, and deployed Docker containers orchestrated with Kubernetes for scalable deployments.
- Managed secure secrets with Azure Key Vault and provided cloud infrastructure support, including incident response.
- Implemented SaaS solutions, automated failure detection, and optimized cloud storage performance in production systems.
- Actively contributed to Scrum activities and collaborated with cross-functional teams to drive project goals.
- Engaged in comprehensive requirement gathering sessions, working closely with stakeholders to understand business needs and translating them into technical specifications for efficient development.
- Conducted regular code reviews and implemented best practices, resulting in a more maintainable and scalable codebase.
- Led the creation of detailed technical documentation and user manuals, ensuring that both the development team and end-users had clear instructions and guidelines for maintaining and using the application effectively.
- Mentored junior developers, providing guidance on coding best practices, design patterns, and effective debugging techniques to promote a high-quality codebase across the team.

Project #2: Finance Maturity Assessment - Mar 2020 – Dec 2020

Environment: ASP.NET, Web API, VBA, TypeScript, React, Node, SQL

Responsibilities:

- Developed Web APIs for efficient data flow and integrated SQL databases for backend management.
- Implemented core functionality using ASP.NET, ensuring a stable framework for the application.
- Enhanced React codebase, improving data visualization and user interfaces.
- Utilized Excel VBA for data representation, providing stakeholders with clear insights into finance maturity assessments.
- Participated in Scrum activities and led requirement gathering sessions to ensure alignment with business needs.

Project #3: Capability Diagnostics Tool - Mar 2018 – Feb 2020

Environment: ASP.NET, WCF, Web Services, HTML, CSS, Bootstrap, jQuery, VBA, SQL

Responsibilities:

- Developed the Capability Diagnostics Tool using ASP.NET and WCF, integrating multiple web services.
- Proficiently utilized front-end technologies like HTML, CSS, and Bootstrap, and managed backend with SQL databases.
- Implemented Excel VBA for enhanced reporting, improving data representation for stakeholders.
- Managed tools like Effort Tracer Dashboard and Process Composer, aligning functionality with organizational needs.
- Conducted knowledge transfer sessions for newcomers and maintained thorough documentation for tools and processes.

Certifications:

AZ-900 : Microsoft Azure Fundamentals

70-483 : MCSD - Programming in C#

Technical Skills:

Web Technologies : HTML, CSS, Java Script, TypeScript, jQuery, Bootstrap, React, Node

Operating Systems: Linux, Windows

Programming Languages: C#, Java

Software's: Visual Studio, Visual Studio Code, Mongo Compass, NoSQL Booster for MongoDB, SQL Server Management Studio, Postman.

Databases: MongoDB, SQL Server.

Cloud Technology: Azure cloud.

Version Control Systems: GIT, bitbucket, TFS and TFVC.

Accomplishments:

Recognized as Best Talent Player of the year 2019.

Received Appreciation Award in recognition of Outstanding Performance of the year 2020.

Received Accenture Growth Catalyst award in the Team category for FY21 Q4.

Recognized for Client Value Creation on 2022.

Education:

Bachelor of Technology in Electronics and Communication Engineering

R.V.R&J.C College of Engineering

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