Pranitha Gudla

.NET Full Stack Developer

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SUMMARY

A resilient and diligent .NET Full Stack Developer with over 3 years of experience seeking potential and prominent growth in exponential leaps while delivering productive and exemplary outcomes. Proven track record of delivering high-quality software solutions that meet both user requirements and business objectives mainly by prioritizing functionality, reliability, and usability, aligning with company's objectives, and adding value for users and stakeholders.

SKILLS

Methodologies:	SDLC – Traditional, Waterfall, Agile – Scrum, Kanban, Scrumban
Version Control Tools:	Git, TFS, AWS CodeCommit
Front-end:	HTML5, CSS3, JavaScript, jQuery, Angular, TypeScript, Bootstrap, AJAX, XML, JSON
Back-end:	C# OOPs, .NET Framework, ASP.NET Core, MVC, Blazor, ASP .NET Core Web API, ADO.NET, Entity Framework Core, LINQ.
Database:	SQL, T-SQL, PL/SQL, NoSQL
Clouding Computing:	AWS, Azure, SSIS, SSRS
Web Services:	SOAP, RESTful
Testing:	Unit Testing – NUnit, xUnit, MSTest, Integration Testing
Deployment:	Jenkins, Docker, Azure DevOps, AWS CodeDeploy, AWS CodePipeline
IDE's and Tools/Databases:	Visual Studio Code, Visual Studio, SQL Server Management Studio, MongoDB, Oracle
Soft Skills:	Communication, Collaboration, Problem-solving, Teamwork

EXPERIENCE

Intuit, USA | .NET Full Stack Developer   June 2023 – Current

- Developed, tested, and deployed ASP.NET Core Web App for a tax filing system. Boosted its performance by 45% via SQL Server Profiler to optimize slow and redundant queries with caching techniques resulting in faster response times.
- Enabled seamless Web API integration with third-party tools for interoperability while ensuring scalability through horizontal hardware scaling, thereby improving system reliability and adaptability to changing demands.
- Cross-platform functionality was achieved by orchestrating and designing Progressive Web Applications with the JavaScript frameworks Angular and React. Furthermore, user experience was improved by 25% by combining JavaScript with the HTML5 Canvas API, resulting in highly interactive and responsive web pages.
- Normalized databases, implemented constraints and triggers, and used transactions to reduce the likelihood of occurrences of data inconsistencies through Entity-Framework Core.
- Used Azure Active Directory (AAD) and AWS Identity & Access Management (IAM) to define permission rules and implement Role-based access enhances security in applications. Additionally, proficient in AWS services such as CodeCommit, CodeBuild.

Innoventix Solutions, India | .NET Full Stack Developer   March 2020 - July 2022

- Implemented efficient resource management techniques to improve reliability and stability by 30%, ensuring peak performance even under load. Used Visual Studio Load Testing to identify slow and inefficient code segments that needed to be optimized.
- Designed Resource-Oriented Web APIs with proper versioning and parameterized endpoints, allowing clients to access the desired API version and customize requests to meet their specific needs, promoting flexibility and usability.
- Utilized Angular to develop a vision rehabilitation application, employed modular components for maintainability and reactive programming for intuitive user feedback. Integrated data binding to showcase progress indicators and performance metrics, ensuring a responsive user experience.
- Implementing Redundant Array of Independent Disks (RAID) storage substantially reduced business losses by as much as 18% during a data loss event triggered by disk crashes and hardware malfunctions resulting from sudden power fluctuations and outages.
- Eliminated cold start latency induced by improper microservices implementation on Azure Functions by pre-loading instances, implementing auto-scaling, optimizing package size, and reducing initialization time.

CERTIFICATIONS

- DevOps on AWS and Project Management (Coursera).

EDUCATION

Masters in Computer Science | Kennesaw State University, Marietta, GA | CGPA: 3.7
Bachelor in Computer Science | Shri Vishnu Engineering College for Women, India

PROJECTS

E – Commerce Platform for Floristry

Tools: .NET Core 6.0, Visual Studio 2022, SQL Server Management Studio, Entity Framework Core 6.0

- Designed database schema, structured tables, and created database diagram to demonstrate relationships using SQL Server Management Studio. Then created DbContext using Entity Framework Core to establish communication between Database and application.
- Implemented OAuth 2.0 with OpenID Connect for Authentication and Authorization, integrating features like registration, login, logout, reset password for users and admins, reducing security risks by 15%.
- Utilized Razor Pages to construct the UI and conducted unit and integration tests post-stakeholder collaboration, ensuring adherence to SRS requirements, subsequently minimizing maintenance efforts and downtimes.

Healthcare Survey System

Tools: .NET Core 3.1, Visual Studio 2019, Swagger, Postman

- Defined and created models and controllers for the Web API following SOLID principles thereby resulting in easier code maintainability.
- Orchestrated and implemented CRUD operations (HTTP GET, POST, PUT, DELETE) with Entity Framework Core facilitating seamless integration and streamlining workflow development for enhanced efficiency.
- Performed Testing using both Postman and Swagger to ensure and optimize performance by 20%.

Web Application for High School Courses and Data Management

Tools: .NET Core 3.1, Visual Studio 2019, Angular 10, Microsoft Azure

- Created Angular components and services to handle HTTP requests and responses for the CRUD Operations to integrate modularity in the application.
- Worked on integration of JWT authentication to enhance security through Angular guards resulting in prevention of data loss and security breaches.
- Worked on Azure Blob Storage to store data received from Registration forms, created Azure Logic App to define a workflow to enter the data into database and triggers sending confirmation or action needed mails according to the status of the registration to a course.