SHRUTHI AREPALLI

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Professional Summary

Detail-oriented and results-driven Full Stack .NET Developer with nearly 2 years of experience in designing, developing, and maintaining enterprise-level web applications. Proficient in ASP.NET Core, MVC, C#, Web API, SQL Server, and front-end technologies. Strong foundation in object-oriented programming (OOP), software architecture, clean coding practices, and Agile development methodologies. Adept in building RESTful APIs, debugging, unit testing, performance tuning, and implementing responsive UI components.

Education

Bachelor of Technology (B.Tech) – Computer Science Engineering
Kakatiya Institute of Technology and Science, Warangal | 2018 – 2022 | CGPA: 8.01/10

Intermediate – MPC Stream
Shivani Junior College | 2016 – 2018 | Percentage: 95%

Technical Skills

• **Backend:** ASP.NET Core, ASP.NET MVC, Web API, C#, ADO.NET, OOP, Entity Framework, Dependency Injection, DLLs
• **Frontend:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, React (basic)
• **Databases:** SQL Server, MySQL, PostgreSQL – Stored Procedures, Functions, Indexing, Joins, Query Optimization
• **Cloud Platforms:** Microsoft Azure (basic)
• **Tools & Libraries:** Postman, Log4net, Datadog, SonarLint, Crystal Reports, Syncfusion, Git, Bitbucket
• **Development Practices:** Agile, SOLID Principles, Design Patterns, Clean Architecture
• **Project Management:** Jira, GitHub, Bitbucket

Professional Experience

Software Developer
Zenwork Digital India Pvt. Ltd., Hyderabad | May 2023 – March 2025

- **Key Projects:**
  Tax1099 Filing Platform

Technologies: ASP.NET Core, Web API, ADO.NET, SQL Server, PostgreSQL, Syncfusion, Crystal Reports
• Developed scalable backend services using .NET Core Web API, improving form submission processing time by 30%.
• Implemented tax logic for Forms 8955 and 5498ESA ensuring IRS compliance.
• Implemented Forms 8453 and 8879 for 941X e-filing, enabling paper-to-electronic filing transition for Tax Year 2024.
• Automated PDF field extraction via AI-based BOI document parsing, reducing manual data entry by 40%.
• Migrated legacy MVC code to ASP.NET Core, enhancing performance and reducing application load time by 25%.
• Replaced Crystal Reports with Syncfusion HTML-to-PDF, increasing rendering speed and cross-device compatibility.
• Refactored stored procedures and applied indexing strategies, improving query performance by 30%.
• Used log4net, Postman, Swagger, and SonarLint to enhance logging and maintain code quality.
• Participated in Agile ceremonies including sprint planning and retrospectives using Jira.
• Achieved 85% code coverage by writing unit tests with NUnit.

  GreenTax2290

Technologies: C#, .NET Core Web API, SQL Server
• Built RESTful APIs for tax data validation and submission, increasing processing speed by 20%.
• Collaborated with stakeholders to translate business logic into technical implementation, ensuring IRS compliance.
• Supported front-end teams with consistent API responses and maintained documentation using Swagger.
• Deployed code using CI/CD pipelines, reducing release cycle time by 15%.

  1099 Online Platform (Tax1099)

Technologies: C#, .NET Core Web API, SQL Server, React
• Designed and optimized complex SQL queries to handle large-scale data sets, improving retrieval performance by 25%.
• Integrated real-time IRS filing status APIs to ensure accurate data synchronization.
• Actively participated in Agile team discussions to align deliverables with business priorities.
• Managed version control using Git and Bitbucket, reducing code conflicts through effective branching and code review practices.