SIRI YADAGIRI
.NET DEVELOPER

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SUMMARY

- .NET Developer with 5+ years of experience, specializing in **C#, ASP.NET, MVC, Web API, Windows Applications, and Entity Framework.**
- Adept in working with **SQL Server, MySQL,** and **Oracle databases**, utilizing **ORM techniques** like **Entity Framework** for efficient data access and manipulation.
- Strong knowledge of **JavaScript libraries** like **Kendo UI, DevExpress, and DevExtreme,** and experience with **HTML5, CSS3, and Web Components** for building responsive, user-friendly interfaces.
- Expertise in **Test Driven Development (TDD)** and **Domain Driven Development (DDD)** with a focus on writing clean, maintainable, and efficient code.
- Proficient in **version control systems including** TFS, GitHub, and SVN for effective code management and collaboration.
- Experienced in using IIS for deploying and managing **web applications and services.** Familiar with **Agile methodologies** such as **Scrum, Kanban, and XP,** as well as Waterfall and DevOps processes for software development and deployment.
- Well-versed in design patterns, especially Singleton, to ensure robust, scalable application architectures.
- Focused on collaborating with cross-functional teams to design, develop, and deploy high quality software solutions.
- Skilled in **debugging, troubleshooting**, and performance optimization to ensure application reliability and efficiency.
- Proficient in **unit testing,** ensuring quality code with a high level of test coverage. Experienced in documenting development phases and providing detailed system monitoring for **effective product lifecycle management.**
- Demonstrated ability to work on full project lifecycles, including analysis, design, development, and testing.
- Expertise in **validation and verification testing**, ensuring that software solutions meet user requirements.
- Strong communicator, collaborating effectively with internal teams, vendors, and stakeholders.
- Passionate about learning and staying updated with the latest technologies and best practices in software development.
- Ability to develop and deploy **web applications** that meet business needs while focusing on performance and scalability.
- Adept at providing **training and mentoring** to junior developers, promoting best practices and team collaboration.
- Experience in creating user-friendly tools and applications with a focus on clean, efficient code that meets business goals.
- Actively involved in ensuring system security and data protection through proper validation, error handling, and data encryption techniques.

TECHNICAL SKILLS

.NET Framework: C#, ASP.NET, MVC, Web API, Windows Application
Database Technologies: MS SQL Server 2008 R2+, MySQL, Oracle, ORM (Entity Framework)
Development Methodologies: Agile (Scrum, Kanban, XP), Waterfall, DevOps
Cloud Deployment: IIS for web application deployment
JavaScript Libraries: Kendo UI, DevExpress, DevExtreme, jQuery
Design Patterns: Singleton
Version Control: TFS, GitHub, SVN
Testing: Test Driven Development (TDD), Unit Testing
Design: HTML5, CSS3, Web Components
Development Tools: Visual Studio, Git, SVN, JIRA, Jenkins, Azure DevOps
Soft Skills: Team collaboration, project lifecycle management, clean code practices, debugging, troubleshooting, and continuous learning

PROFESSIONAL EXPERIENCE

Sr .Net Developer   **July 2023 – Present**
Client: Cleveland Clinic

- Leading the development of a patient management system using **ASP.NET MVC and C#, improving the accuracy and efficiency of healthcare operations.** Developed **RESTful Web APIs using Web API** for secure communication between the front-end and back-end systems.
- Integrated Entity **Framework with SQL Server** to manage complex patient data and ensure seamless data retrieval.
- Designed a dynamic, user-friendly dashboard using **Kendo UI and JavaScript** for healthcare professionals to monitor patient status and treatment progress. Enhanced the user interface using **HTML5, CSS3, and Web Components,** ensuring accessibility and responsiveness on both **desktop and mobile devices.** Implemented unit tests for key application components using **TDD principles,** improving overall code reliability and maintainability.
- Collaborated with cross-functional teams to integrate third-party services for **medical records and billing systems.**
- Improved the performance of the application by optimizing **SQL queries** and stored procedures.
- Participated in **Agile Scrum meetings** and contributed to the iterative development and continuous improvement of the system.
- Worked with **Azure DevOps for CI/CD pipeline creation**, automating deployments and improving productivity.
- Developed features for secure authentication and authorization to comply with healthcare data privacy standards.
- Implemented version control using **GitHub** to manage codebase and ensure team collaboration.
- Wrote and maintained detailed documentation for system deployment, updates, and troubleshooting procedures.
- Enhanced **data visualization** using DevExpress and Kendo UI for generating reports and graphs of patient data.
- Optimized **AJAX calls** to improve the speed and user experience of the application. Worked on **data security,** ensuring that sensitive health information is protected through encryption and secure data handling practices.
- Implemented **SSRS (SQL Server Reporting Services)** to provide reporting and business intelligence solutions.
- Collaborated with the testing team to perform validation and verification testing to ensure the system meets **healthcare compliance standards.**
- Mentored junior developers on best practices for unit testing, code reviews, and design patterns.
- Led the documentation of the development process, ensuring proper communication with stakeholders and adherence to project requirements.

.Net Developer   **Jun 2021 – Aug 2022**
Client: Fifth Third Bank

- Developed and maintained a **secure online banking system** using **ASP.NET MVC, C#, Web API** and **Entity Framework**, optimizing **SQL Server** data access and performance.
- Implemented **TDD** to ensure high code quality, reduced defects in production, and enhanced security with **OAuth** for secure user authentication.
- Built features for **loan processing, account management, transaction tracking**, and integrated third-party services like **payment processors and credit bureaus** for seamless transactions.
- Created dynamic financial reports using **DevExpress** and **SSRS**, enabling real-time insights for users and executives.
- Enhanced front-end with **Kendo UI** and **JavaScript**, improving user experience, and optimized database performance using **stored procedures** for high-volume transactions.
- Managed **Azure DevOps** CI/CD pipelines for automated builds and deployments, ensuring smooth releases and updates.
- Followed **Agile** methodology, mentored junior developers, ensured compliance with **banking regulations**, and wrote **SOLID**-compliant, maintainable code.
- Integrated **SSRS** for financial report generation, **providing essential data for the bank's executives.**

- Worked closely with internal stakeholders to ensure the solution met all customer and business requirements.
- Wrote clean, efficient code using SOLID principles and design patterns to ensure maintainability and scalability.
- Provided mentorship to junior developers, reviewing their code and ensuring adherence to best practices.
- Delivered project updates and documentation regularly to ensure alignment with business objectives and timelines.

Jr .Net Developer   **Jan 2019 – Dec 2020**

Client: USAA

- Developed an **insurance management system** using **ASP.NET MVC, C#, Entity Framework**, and **RESTful Web APIs**, integrating third-party services for seamless operations.
- Designed and implemented dynamic, responsive pages using **HTML5, CSS3, and JavaScript** for improved user engagement.
- Implemented **DevExpress controls** for creating interactive dashboards that allow insurance agents to view key customer data.
- Optimized **SQL queries, stored procedures**, and implemented **OAuth, JWT authentication**, and **role-based access control** to enhance performance and security.
- Created automated unit tests using **TDD principles** to ensure application stability and high-quality code.
- Integrated the system with external insurance providers to retrieve and process customer data.
- Built a **customer portal** for **policy management, claims tracking, and account updates**, improving customer interactions with streamlined claim submission and policy updates.
- Applied **DevOps** practices with **CI/CD pipelines, IIS deployment**, and **TDD**, ensuring system reliability, scalability, and high-quality code in an **Agile** environment.
- Built and optimized **AJAX functionality** for better user interactions and real-time data updates.
- Actively participated in scrum ceremonies to ensure continuous improvement and timely delivery of product features.
- Enhanced the security and privacy of **customer data** through data encryption and role-based access control.
- Conducted validation and verification testing to ensure the software met all customer requirements and expectations.
- Mentored junior developers in clean code practices, unit testing, and **database optimization.**

Education

Master of Science in Computer Science - University of Texas at Arlington