

Contact

✉ srilakshmi31654@gmail.com

☎ 636-686-0432

SRILAKSHMI

.NET Developer

SKILLS

Programming Languages: C#, VB.NET, JavaScript

Web Development: ASP.NET (including MVC), .NET Core, HTML5, CSS3, AJAX, Razor Views, Angular, Bootstrap, Node.js, Restful APIs, WebAPI, XML, XSLT, JSON, WPF, Blazor

Cloud and Containerization: Azure, OpenShift, Azure Kubernetes Service (AKS), Docker, Kubernetes

Design Patterns: MVC, MVVM, Singleton, Factory

Version Control: Git, GitHub, TFS

IDE & CI/CD Tools: Visual Studio, Azure DevOps, Jenkins

Testing: NUnit, MSTest

Other Skills: UML Diagrams, Prometheus

Methodologies & Tracking: Agile, Scrum, JIRA

Server Management: IIS, Kestrel

Database Management: MySQL, CosmosDB, MongoDB, SQL Server, PL/SQL, Entity Framework, LINQ, ADO.NET

Communication: WCF, Web Services (SOAP-based), Kafka

EDUCATION

MBA
JNTU, India.

About Me

With 7 years of experience, specialize in designing, developing, and maintaining web and Windows applications using Microsoft Technologies. Skills encompass C#, VB.NET, and JavaScript, with a firm grasp of object-oriented principles and design patterns such as MVC, MVVM, Singleton, and Factory. Excel in web development using ASP.NET, .NET Core, HTML5, CSS3, AJAX, and Razor Views, along with proficiency in front-end technologies like Angular and Bootstrap, and back-end development with Node.js and Restful APIs. Database management is a strong suit, with hands-on experience in MySQL, CosmosDB, MongoDB, SQL Server, PL/SQL, Entity Framework, LINQ, and ADO.NET. Well-versed in communication protocols, including WCF and Web Services, and experienced in event-driven architecture using Kafka. Expertise extends to cloud and containerization technologies like Azure, OpenShift, Docker, and Kubernetes, and familiar with Git, GitHub, and TFS for version control. Solid background in testing and quality assurance, utilizing tools like NUnit and MSTest, and hands-on with Visual Studio and CI/CD tools like Azure DevOps and Jenkins. Competent in server management, including IIS and Kestrel, well-versed in Agile and Scrum methodologies, effectively using JIRA for project management and tracking to contribute to efficient project delivery.

WORK EXPERIENCE

October 2022 – Present

Clover Health, Franklin, TN

.NET Developer

- Constructed robust and scalable applications using a combination of C#, VB.NET, ASP.NET, and .NET Core, consistently adhering to MVC and WPF best practices for responsive user interfaces.
 - Put in place secure and efficient communication channels between components, employing WCF and WebAPI, and seamlessly interfaced with MySQL and CosmosDB databases.
 - Engaged in all phases of the software development lifecycle (SDLC), from meticulous requirements analysis to successful deployment, emphasizing high-quality application delivery.
 - Depended on LINQ and Entity Framework for adept data manipulation and retrieval, and harnessed the power of Blazor components for modern web application development.
 - Orchestrated the setup and configuration of Kafka to enable real-time data streaming, and seamlessly integrated a suite of Azure services, including Azure Service Bus, ADF, Azure Functions, Keyvaults, and Azure Application Gateway for comprehensive cloud-based solutions.
 - Pioneered visually captivating web interfaces, employing HTML5, CSS3, and JavaScript, while skillfully integrating AJAX and Razor Views for dynamic content delivery.
 - Elevated user experiences by seamlessly incorporating Angular for sophisticated client-side functionality, proficiently managing data using XML, XSLT, and JSON formats.
 - Championed the establishment of CI/CD pipelines using Azure DevOps, ensuring the automation of software builds, rigorous testing, and dependable deployments.
 - Collaborated actively with development teams using Visual Studio and Git for version control and streamlined code management.
 - Steered the management of containerized applications, with proficient oversight of OpenShift and Azure Kubernetes Service (AKS) for efficient, scalable deployments.
 - Crafted complex .NET solutions, seamlessly integrating Node.js and Bootstrap components into the existing architecture.
 - Championed the development and integration of Crystal Reports, enabling the generation of data-rich reports within applications.
 - Played a vital role in Agile and Scrum methodologies, ensuring efficient project management and consistently timely deliveries.
 - Architected sophisticated monitoring and alerting solutions with Prometheus, contributing to notable performance optimization.
 - Proficiently authored and executed unit tests using NUnit to safeguard the reliability and quality of the software.
 - Depended on JIRA for meticulous issue tracking, robust project management, and seamless collaboration within cross-functional teams.
 - Skillfully configured and maintained Internet Information Services (IIS) for the adept hosting of .NET applications.
- Environment:** C#, VB.NET, ASP.NET, .NET Core, MVC, MySQL, CosmosDB, WebAPI, WPF, WCF, Razor Views, Angular, JIRA, JSON, LINQ, Blazor, Kafka, MS Azure, OpenShift, Visual Studio, Git, NUnit, Crystal Reports, Agile

August 2021 – September 2022

PAX Financial Group, Hollywood Park, TX

.NET Developer

- Efficiently utilized VB.NET to seamlessly support legacy code while seamlessly integrating it with contemporary solutions.
- Precision-crafted responsive, user-centric web interfaces, harnessing HTML, CSS, AJAX, and JavaScript for a dynamic user experience.

- Implemented ASP.NET MVVM patterns to architect structured and maintainable web applications, employing C# to craft diverse applications and systems.
- Enthusiastically collaborated on innovative Angular and Node.js projects, driving the development of dynamic, interactive web applications.
- Dexterously engineered, as well as consumed, Restful APIs to ensure seamless data integration across diverse platforms.
- Mastered the art of data processing and manipulation in JSON and XML formats, facilitating efficient communication.
- Skillfully engineered user-friendly WPF applications featuring intuitive interfaces, ultimately enhancing user experiences.
- Expertly configured and optimized Kestrel web servers to significantly boost application performance.
- Successfully deployed applications on Azure cloud services, a hallmark of scalability and reliability.
- Proficiently harnessed LINQ to efficiently query data and executed database operations using ADO.NET, ensuring seamless data access.
- Actively participated in Agile development methodologies, with a special focus on Scrum.
- Effectively collaborated with cross-functional teams, meticulously tracked tasks, and adeptly managed projects using Jira.
- Depended on Visual Studio as the primary integrated development environment (IDE) for coding and debugging.
- Artfully harnessed the power of Microsoft SSRS to elegantly display data in report format.
- Diligently delved into the realm of containerization with Docker, skillfully orchestrated deployments through Kubernetes, and automated the build and deployment pipelines using Jenkins, thus driving efficient software delivery.
- Rigorously conducted unit tests employing NUnit to fortify the software's reliability and functionality.
- Persistently fine-tuned and managed databases, including MySQL and MongoDB, to guarantee efficient data storage and retrieval.
- Methodically architected and implemented WCF services to elevate inter-process communication within applications to new heights.
- Conscientiously embraced GitHub for seamless and organized version control.

Environment: C#, ASP.NET MVVM, VB.NET, JavaScript, AJAX, JSON, XML, Angular, Restful API, Azure, WPF, WCF, MySQL, MongoDB, Kestrel, LINQ, ADO.NET, GitHub, Jenkins, Visual Studio, Agile, Jira, SSRS

January 2020 – July 2021

Glorium Technologies, Princeton, NJ

.NET Developer

- Established and maintained Web APIs for seamless data communication between systems.
- Efficiently configured Windows Communication Foundation (WCF) services to enable effective inter-process communication.
- Expertly developed ASP.NET web applications, adhering to Object-Oriented Programming (OOP) principles and implementing design patterns like Singleton, Factory, and MVC.
- Crafted clean and efficient C# code, ensuring the excellence of software applications.
- Collaborated seamlessly with front-end developers to integrate HTML, CSS, and JavaScript into web applications.

- Relied on Visual Studio as my primary development environment for coding and debugging, enhancing productivity.
- Managed and fine-tuned PL/SQL queries for Oracle databases, guaranteeing optimized data retrieval and manipulation.
- Conducted thorough code reviews to guarantee code quality and alignment with project requirements.
- Designed and executed WPF applications, focusing on user-friendly interfaces and exceptional user experiences.
- Crafted responsive and visually captivating web interfaces, employing HTML, CSS, and JavaScript.
- Participated actively in a team-oriented environment to uphold coding standards and best practices.
- Ensured orderly collaboration and code management by effectively utilizing Git for version control.
- Conducted comprehensive unit tests using MS Test to maintain software reliability and functionality.

Environment: ASP.NET, MVC, C#, Web API, HTML, CSS, JavaScript, WCF, WPF, PL/SQL, Oracle, Visual Studio, Git.

November 2016 – December 2019

Trinetix Inc., Nashville, TN

Software Developer

- Structured and designed organized, responsive web solutions by implementing the MVC architecture.
- Designed and executed rich, user-centric applications using Windows Presentation Foundation (WPF).
- Collaborated in the development of SOAP-based web services, ensuring efficient data exchange.
- Primarily employed Visual Studio as the integrated development environment for coding and debugging tasks.
- Skillfully created, maintained, and enhanced web applications through ASP.NET, contributing to robust software solutions.
- Acquired a strong understanding of UML diagrams, employing them to document and design intricate software systems.
- Contributed to proficient database operations and data access by skillfully using ADO.NET for seamless SQL Server interaction.
- Enhanced team collaboration through JIRA, facilitating issue tracking and project management.
- Effectively harnessed SQL Server for data management and retrieval, optimizing data-related processes.
- Produced clean, efficient, and effective C# code to develop high-quality software applications.
- Applied XML data structures for structured data storage and exchange within applications.
- Operated seamlessly with the development team, utilizing TFS (Team Foundation Server) for version control and comprehensive project management.

Environment: C#.NET, ASP.NET, MVC, WPF, Soap, ADO.NET, TFS, SQL Server, Visual Studio, JIRA