

VENKAT SAI

Senior .Net Developer • venkatasai24052@gmail.com • (469)284-8886

Senior .Net Developer with over 4 years of experience in designing, developing, and optimizing web applications using C#, .NET Core, ASP.NET MVC, and Blazor. Proficient in creating RESTful APIs, enhancing database performance (MSSQL, PostgreSQL), and implementing secure authentication protocols like OAuth2 and SAML. Skilled in cloud deployments across AWS, Azure, and Google Cloud. Experienced in Test-Driven Development, CI/CD pipeline integration, and leveraging DevOps practices to ensure high-quality, scalable, and reliable software solutions. Strong collaboration skills with cross-functional teams to meet business objectives.

PROFESSIONAL EXPERIENCE

Senior .Net Developer
THE CIGNA GROUP, Plano, Texas
June 2022 - Present

- Developed and maintained high-performance web applications using C#.NET Framework, .NET Core, MVC, and Blazor, achieving a 25% reduction in page load times and significantly enhancing user experience.
- Implemented healthcare data standards such as HL7, FHIR, and HIPAA to ensure secure and compliant data exchange between systems in healthcare applications.
- Utilized HTML, CSS, JavaScript, TypeScript, React, and Node.js to design and implement responsive, user-friendly web applications, enhancing user experience and application performance.
- Developed and optimized .NET applications using LINQ, WWF, WCF, WPF, and XAML to streamline workflows, enhance service communication, and create intuitive user interfaces.
- Designed, developed, and integrated RESTful and SOAP APIs for .NET applications, improving system interoperability and reducing response times by 30%.
- Implemented OAuth2, OpenID Connect, and SAML protocols to enhance authentication and authorization processes, ensuring secure access to applications and data.
- Designed and implemented optimized schemas and data structures for MSSQL, MySQL, MongoDB, XML, and JSON, enhancing query performance by 40% and ensuring data integrity.
- Implemented Test-Driven Development (TDD) and Acceptance Test-Driven Development (ATDD) methodologies to improve code quality, reduce defects, and ensure robust application functionality.
- Developed and deployed .NET applications on AWS, Azure, and Google Cloud, leveraging cloud services for scalability, security, and performance optimization.
- Developed and maintained comprehensive technical documentation and development guidelines, ensuring consistency and best practices across the development team.
- Collaborated with DevOps engineers and production support teams to implement automated CI/CD pipelines, ensuring seamless deployments across multiple environments, including production.
- Developed and optimized web applications using C#, ASP.NET MVC, ADO.NET, and Entity Framework, improving system performance by 30% and reducing query execution time by 20%, ensuring high reliability and data integrity in financial applications.
- Developed dynamic, responsive web applications using HTML, CSS, VBScript, JavaScript, React, and Angular to enhance user experience and application functionality.
- Designed and optimized database solutions using PostgreSQL, SQL, MS SQL, MySQL, and T-SQL, improving query performance by 25% and ensuring data integrity across multiple platforms.
- Designed and implemented data transformations using XML, XSLT, XSL, and XPATH, improving data processing efficiency and ensuring accurate data integration across systems.
- Administered and optimized web servers (Apache, Nginx, IIS, Weblogic), enhancing server performance and ensuring the

seamless deployment and availability of web applications.

- Developed and integrated REST APIs, ensuring seamless communication between software components and enhancing system interoperability.

.Net Developer

BIRLASOFT REMOTE

Mar 2020 - Oct 2021

- Implemented Test-Driven Development (TDD) practices using NUnit to enhance code quality, resulting in a 30% reduction in post-deployment bugs and a 20% increase in test coverage.
- Utilized Docker and Kubernetes to containerize and orchestrate applications, improving scalability, deployment efficiency, and system reliability.
- Managed and optimized CI/CD pipelines using Azure DevOps, streamlining deployment processes and enhancing collaboration across development teams.
- Conducted code reviews to ensure high-quality standards for reliability, efficiency, security, maintainability, and scalability, resulting in a 15% reduction in post-deployment issues.
- Collaborated with product managers and stakeholders to gather user requirements and translate them into actionable technical specifications, ensuring alignment with business goals.
- Developed and optimized web applications using Angular, Razor, and .NET frameworks, implementing MVC architecture to improve application scalability and reduce load times by 30%.
- Developed responsive web applications using HTML5, CSS, Vue.js, React.js, and JavaScript, ensuring seamless user experiences and optimized performance across multiple devices and browsers.
- Designed and implemented user interactions on web pages, optimizing performance and scalability to enhance user experience and system efficiency.
- Used ADO.NET to connect Web Forms to data sources such as MS SQL Server and XML files for manipulating data in database.
- Involved in the development of the web forms and web pages according to the specifications. Extensive experience on Ajax, HTML, XHTML, XACML.
- Implemented robust security measures, including OAuth and JWT, to safeguard data and user privacy, resulting in zero security breaches.
- Utilized SOAP-based Web Services and WSDL for seamless communication with external applications and components, ensuring interoperability and data exchange in .NET development projects. Accomplished efficient integration and streamlined processes through standardized protocols.
- Designed, developed, and deployed a collaboration portal and master data workflow using SharePoint Portal Server (SPS), Windows SharePoint Services (WSS), and .NET Framework, enhancing team collaboration and data management efficiency.
- Facilitated Agile development using Scrum and Kanban methodologies, boosting team efficiency by 20% and ensuring on-time delivery of high-quality software releases.
- Leveraged Visual Studio and Git to develop, debug, and deploy applications, optimizing development workflows and enhancing code quality through integrated testing, version control, and collaboration.

TECHNICAL SKILLS

- **Programming Languages & Frameworks:** C#, .NET Framework, .NET Core, ASP.NET MVC, Blazor, ADO.NET, Entity Framework, LINQ, WCF, WPF, XAML, VBScript, JavaScript, TypeScript, React, Angular, Vue.js
- **Web Technologies:** HTML5, CSS3, AJAX, XHTML, Razor, Web Forms, Bootstrap, React.js, Vue.js
- **APIs & Integration:** RESTful APIs, SOAP, WSDL, OAuth2, OpenID Connect, SAML, JSON, XML, XSLT, XPATH, JWT
- **Databases & Data Structures:** MSSQL, MySQL, PostgreSQL, MongoDB, T-SQL, MS SQL Server, XML, JSON, Data Transformation, Data Integration
- **Cloud Platforms & DevOps:** AWS, Azure, Google Cloud, Docker, Kubernetes, Azure DevOps, CI/CD pipelines
- **Security & Authentication:** HIPAA, FHIR, HL7, OAuth, JWT, SAML

- **Software Development Practices:** Test-Driven Development (TDD), Acceptance Test-Driven Development (ATDD), Agile (Scrum, Kanban), SDLC
- **Development Tools & Technologies:** Visual Studio, Git, SharePoint Portal Server (SPS), Windows SharePoint Services (WSS), Apache, Nginx, IIS, Weblogic, Node.js
- **Collaboration & Methodologies:** Agile Development, Scrum, Kanban, Team Collaboration, Product Requirements Gathering

EDUCATION

- **Masters in Information Technology, From Valparaiso University**