**Name:** Sasiram Anupoju

**Phone:** +1 984 229 1484

**Email:** [sasiram024@gmail.com](file:///C:\Users\Lenovo\Downloads\sasiram024@gmail.com)

**Summary:**

* Proven 8+ years of experience in **.NET development** with strong proficiency in **C#, ASP.NET, and .NET Core.**
* Expert in developing and maintaining web applications using **ASP.NET** and **MVC**, ensuring high performance and responsiveness.
* Assisted in designing and implementing enterprise architectures that are extensible and scalable.
* Hands-on experience with containerisation technologies like **Docker** and orchestration tools such as **Kubernetes**, enhancing deployment efficiency.
* Familiar with cloud platforms such as **AWS, Azure**, and **Google Cloud** for deployment and scalability of applications.
* Experience working in **Agile teams**, following best practices in software development to deliver high-quality software solutions.
* Expert in writing complex **SQL** queries, stored procedures, and performance tuning for optimal database performance.
* Assisted in the setup, configuration, and management of database systems like **SQL Server** and **PostgreSQL**.
* Hands-on experience in creating and consuming **RESTful APIs** and web services to ensure seamless integration between different systems.
* Familiar with front-end frameworks like **Angular** and **React** for developing Single Page Applications (SPA).
* Skilled in using **ORM** frameworks like **Entity Framework Core** to streamline database interactions.
* Experience with version control systems like **Git** and **CI/CD** tools such as **TeamCity** and **Octopus** for efficient code management and deployment.
* Hands-on experience integrating and troubleshooting platforms such as Windows / **UNIX** servers, **VMware ESXi**, network devices, middleware, and databases.
* Assisted in ensuring that the development environment complies with all external audit requirements and standards.
* Expert in software design principles such as **SOLID** and **UML**, ensuring maintainable and scalable code.
* Assist in the deployment and configuration of new tools and capabilities such as **Docker** and **Kubernetes**.
* Excellent problem-solving skills and the ability to troubleshoot and debug complex issues in a timely manner.
* Excellent communication skills, both written and verbal, for collaborating with cross-functional teams.
* Excellent ability to mentor junior developers and foster a collaborative team environment.
* Strong understanding of enterprise, network, system/endpoint, and application-level security issues and risks.
* Skilled in designing and implementing microservices-based architectures using **ASP.NET Core**, ensuring modularity, scalability, and maintainability of enterprise applications.
* Expert in implementing security best practices, including **OAuth2**, **JWT**, and **SSL/TLS encryption**, to safeguard applications and sensitive data, ensuring compliance with industry standards like GDPR and HIPAA.
* Adept at optimizing application performance through advanced **caching strategies**, **database indexing**, and **code refactoring**, resulting in significant improvements in response times and resource utilization.
* Leveraged advanced data analytics techniques within .NET applications, integrating tools like **Power BI** and **Tableau** for real-time data visualization, enabling stakeholders to make data-driven decisions efficiently.
* Experienced in API management using **Azure API Management** and **Postman**, ensuring robust and secure API gateways, versioning, and monitoring to support scalable and reliable integrations across various platforms.

**Technical Skills:**

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| **Programming and**  **Development:** | C#, .NET Framework, .NET Core, ASP.NET, MVC, SQL, JavaScript, HTML, CSS,  Angular, React, TypeScript, Bootstrap, jQuery, Entity Framework, LINQ,  RESTful APIs, Web Services, JSON, XML, Git, Docker, Kubernetes, Jenkins,  TeamCity, Octopus. |
| **Framework and**  **Libraries:** | ASP. .NET Core, ASP.NET MVC, Entity Framework Core, SignalR, Blazor, AutoMapper, Ninject, Moq, XUnit, NUnit. |
| **Cloud Platforms:** | AWS, Azure, Google Cloud Platform (GCP), Azure DevOps, AWS Lambda, Azure Functions, Azure App Services, Azure Storage. |
| **Databases:** | SQL Server, PostgreSQL, MySQL, SQLite, NoSQL (MongoDB, CouchDB), Redis,  Azure Cosmos DB. |
| **Front-end Technologies:** | HT HTML5, CSS3, JavaScript ES6+, Angular, React, Vue.js, TypeScript, Bootstrap, SASS/ SASS/SCSS, LESS, AJAX, JSON. |
| **Version control:** | Git, Gi Git, GitHub, GitLab, Bitbucket, TFS. |
| **Containerization**  **and Orchestration:** | Docker, Docker, Kubernetes, Docker Compose, OpenShift. |
| **CI/CD:** | Jenkins Jenkins, Azure DevOps, TeamCity, Octopus Deploy, GitHub Actions, GitLab CI/CD. |
| **Networking and**  **protocols:** | TCP/IP TCP/IP,HTTP/HTTPS, DNS, DHCP, VPN, WebSockets, REST, SOAP, OAuth. |
| **Development tools:** | Visual Visual Studio, Visual Studio Code, Rider, Postman, Fiddler, Swagger,  SQL Server Management Studio (SSMS), pgAdmin, Azure Data Studio. |
| **Testing and**  **debugging:** | xUni xUnit, NUnit, MSTest, Moq, Selenium, Postman, JUnit, Cypress, Jasmine, Karma,  Karma,SpecFlow, Fiddler. |
| **DevOps and**  **Monitoring:** | Azure Azure DevOps, AWS CloudWatch, Splunk, ELK Stack (Elasticsearch, Logstash,  Kibana), Prometheus, Grafana, Sentry. |
| **Security and**  **Compliance:** | OWAS OWASP,SSL/TLS, IdentityServer, OAuth2, JWT, Azure Key Vault, AWS IAM,  Active Directory, GDPR, HIPAA. |
| **Collaboration and**  **Project Management:** | Jira, Jira ,Trello,Confluence, Slack, Microsoft Teams, Agile/Scrum methodologies,  Kanban. |
| **Data Management and**  **Analytics:** | S SQL,TSQL, PL/SQL, SSIS, SSRS, Power BI, Tableau, Apache Kafka,  Apache Spark, ETL processes. |
| **Other Technologies:** | Si RabbitMQ, Redis, Memcached, Firebase, Twilio,  Stripe, Google Analytics, New Relic. |

**Education:**

* Bachelor of technology in computer science and engineering at NIT, Durgapur 2014.

**Certifications:**

* Certified in Single-Page Application with ASP.NET & jQuery Hands-On
* Certified in Agile software development
* Certified in Azure DevOps development
* Certified in MySQL Training
* Certified in HTTP training
* Certified in Git Essential Training

**Professional Experience**

**Gallagher, Rolling Meadows, IL.**

**Sr .NET Full Stack Software Developer Aug 2022 – Till date.**

**Responsibilities:**

* Designed and developed comprehensive front-end screens for automation tools using **Visual Studio 2022**, **.NET Core**, and **C#,** ensuring robust and scalable solutions tailored to meet business requirements.
* Worked on creating and integrating scalable web services with **MVC.NET** and **Web API**, enabling seamless communication between front-end automation screens and back-end systems.
* Developed dynamic and responsive user interfaces for automation tools by leveraging **AngularJS**, **Bootstrap**, and **CSS** Less, enhancing user experience and tool performance.
* Utilized **Gulp** for task automation, streamlining development processes, and enhancing workflow efficiency through automated build and deployment tasks.
* Gained hands-on experience with **Entity Framework 6.0** for data access and database management, including designing data models, performing migrations, and optimizing queries.
* Implemented **Agile/Scrum methodologies** to manage projects effectively, ensuring timely delivery of features and improvements in front-end automation tools through iterative development and regular sprint reviews.
* Utilized **JSON** for efficient data interchange between client and server applications, facilitating smooth data transfer and integration in various components of automation tools.
* Designed complex database schemas and managed data effectively using **SQL Server**, including writing stored procedures, triggers, and optimizing database performance.
* Assisted in developing **SSIS packages** for data integration and **ETL processes**, enabling the extraction, transformation, and loading of data from various sources.
* Created detailed **SSRS** reports to provide actionable insights and data analysis, helping stakeholders make informed decisions based on comprehensive reporting.
* Utilized **IIS** for deploying and managing automation tools in a production environment, ensuring high availability, reliability, and performance of web-based solutions.
* Gained hands-on experience with **Azure** for implementing cloud-based deployment strategies, leveraging services such as **Azure App Services** and **Azure SQL Database** to enhance scalability and reliability.
* Worked on optimizing application performance and scalability by leveraging cloud services, including implementing load balancing and auto-scaling features in **Azure**.
* Collaborated with cross-functional teams, including designers, testers, and business analysts, to ensure seamless integration and deployment of front-end automation tools.
* Integrated real-time data streaming functionalities using **SignalR**, enabling real-time updates and interactions within automation tools, significantly improving user engagement and responsiveness.
* Developed custom middleware components in **.NET Core** to handle complex business logic, ensuring modularity and maintainability of automation tools.
* Utilized **Azure DevOps** for continuous integration and continuous deployment (**CI/CD**) pipelines, automating the deployment process and reducing manual intervention.
* Conducted performance profiling and optimization using tools like **Application Insights** and **New Relic**, identifying bottlenecks and enhancing overall application performance.

**Environment:** Visual Studio 2022, .NET Core, C#, MVC.NET, Web API, AngularJS, Bootstrap, CSS Less, Agile/Scrum, Gulp, Entity Framework 6.0, JSON, SQL Server, SSIS, SSRS, IIS, Azure

**Acrisure, Remote - MI.**

**Senior .NET Programmer Feb 2019 - Jul 2022**

**Responsibilities:**

* Designed and implemented scalable web applications using **.NET Framework 4.7** and **ASP.NET Core**, ensuring high performance and reliability for enterprise-level solutions.
* Created robust **RESTful APIs** and integrated them with front-end applications using **Angular**, enhancing data exchange and application interactivity.
* Hands-on experience with database design and management using **SQL Server**, including complex queries and optimization with **Entity Framework Core**.
* Worked on deploying applications to Azure cloud platforms, utilizing services such as **Azure App Services** and **Azure SQL Database** for streamlined **CI/CD** processes.
* Used **Docker** and **Kubernetes** for containerization and orchestration, facilitating consistent development environments and efficient deployment.
* Involved in **Agile/Scrum practices**, participating in sprint planning, stand-ups, and retrospectives to ensure project milestones and continuous improvement.
* Assisted in code reviews and mentoring junior developers, promoting best practices in **C#, ASP.NET Core,** and **Angular development**.
* Designed and maintained UI components using **Angular**, **HTML5**, and **CSS3**, ensuring responsive and user-friendly interfaces.
* Created detailed technical documentation and user guides, improving project transparency and onboarding processes.
* Hands-on experience with version control using **Git**, managing repositories, and coordinating collaborative development efforts.
* Worked on optimizing application performance by analyzing and resolving bottlenecks, enhancing user experience and resource utilization.
* Used **IIS** for web application hosting, managing configurations to support secure and high-availability deployments.
* Involved in the development of **WCF services**, enabling reliable and secure communication between distributed systems.
* Assisted in maintaining and updating legacy systems, refactoring codebases, and migrating applications to align with current technology standards.
* Created automated test suites and performed unit testing with tools like **xUnit** and **NUnit**, ensuring application stability and reliability.
* Integrated third-party APIs and services, such as payment gateways and authentication providers, to extend application functionality and provide seamless user experiences.
* Developed and implemented caching strategies using **Redis** and **Azure Cache** for Redis, significantly reducing database load and improving application response times.
* Utilized **Jenkins** for continuous integration, automating the build and testing processes to ensure code quality and expedite the development cycle.
* Conducted load testing and stress testing using tools like **JMeter** and **Visual Studio Load Test**, identifying performance limitations and optimizing applications for high traffic scenarios.

**Environment:** .NET Framework 4.7, C#, ASP.NET Core, MVC, Visual Studio, Azure DevOps, SQL Server 2019, Entity Framework Core, Angular, JavaScript, HTML5, CSS3, Web API, IIS, RESTful APIs, Git, Docker, Kubernetes, Agile/Scrum

**VisionTree, India.**

**Full Stack .NET Developer Jul 2014 - Dec 2017**

**Responsibilities:**

* Designed and implemented web applications using .**NET Framework 4.0** and **C#.NET**, creating scalable and efficient solutions tailored to business needs.
* Worked on developing dynamic web interfaces with **ASP.NET 4.0** and **MVC**, ensuring responsive design and seamless user experiences across various devices.
* Created interactive front-end components with **AngularJS** and **JavaScript**, integrating them with back-end services to enhance application functionality.
* Used **Visual Studio 2010** as the primary development environment for coding, debugging, and deploying applications, ensuring effective and efficient software development.
* Hands-on experience with **XAML** for developing rich client applications, enhancing user interfaces with complex layouts and dynamic controls.
* Involved in creating and managing web services using **WCF,** enabling communication between distributed applications and services.
* Designed and maintained database schemas and queries using **SQL Server 2008**, including writing stored procedures and optimizing performance with **LINQ**.
* Assisted in developing **AJAX**-enabled web applications to enhance user interactivity and reduce page reloads, improving overall user experience.
* Used **Entity Framework** for data access, implementing **ORM solutions** to streamline database interactions and ensure data integrity.
* Worked on implementing and managing source control with **TFS** (Team Foundation Server), facilitating version control and team collaboration.
* Hands-on experience with **HTML** and **CSS** for creating and styling web pages, ensuring consistency and adherence to design standards across the application.
* Designed and deployed web applications on **IIS**, managing application configurations and ensuring high availability and performance in production environments.
* Involved in utilizing **XML** for data representation and configuration, enabling flexible data interchange and integration between different system components.
* Created robust and maintainable code by following **Agile methodologies**, participating in sprint planning, daily stand-ups, and iterative development cycles.
* Worked on integrating front-end and back-end systems, ensuring smooth data flow and functionality across all layers of the application stack.

**Environment:** Environment: NetFramework4.0. C#.Net, MVC, Visual Studio 2010, ASP.NET4.0, Agile, AngularJS, JavaScript, XAML, AJAX, Entity Framework HTML, CSS, WCF, IIS, XML, SQL Server 2008, LINQ, TFS.