**Shalini**

**.NET FULL STACK DEVELOPER**

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**PROFESSIONAL SUMMARY**

* Results-driven .NET Full Stack Developer with 8+ years of experience designing, developing, and deploying scalable, high-performance web applications using C#, ASP.NET Core, .NET Framework, and .NET Core.
* Expertise in front-end and back-end development, building interactive UIs with React.js, Angular, Blazor, Razor Pages, and WPF (XAML) while ensuring seamless integration with robust server-side logic.
* Proficient in Entity Framework (EF6, EF Core), LINQ, ADO.NET, NHibernate, and relational/non-relational databases, including SQL Server, MySQL, PostgreSQL, MongoDB, and Cosmos DB.
* Strong experience designing and consuming RESTful APIs, GraphQL, SOAP services, WCF, and implementing real-time communication using WebSockets and SignalR.
* Hands-on experience with cloud computing platforms, including Microsoft Azure (App Services, Functions, Key Vault, Azure AD, Application Insights, Blob Storage, Logic Apps, ARM Templates) and AWS (EC2, S3, RDS, Lambda).
* Adept at DevOps and CI/CD pipeline automation using Azure DevOps, Jenkins, MS Build, Maven, Terraform, and version control tools like Git, Bitbucket, and TFS.
* Experienced in containerization and orchestration using Docker and Kubernetes, ensuring application scalability and deployment efficiency.
* Skilled in messaging and event-driven architectures, implementing Apache Kafka and RabbitMQ for efficient communication between microservices.
* Expertise in logging, monitoring, and performance optimization using ELK Stack, NLog, Serilog, Azure Application Insights, IIS, Kestrel, and Nginx.
* Hands-on experience with Agile methodologies (Scrum, Kanban), collaborating with cross-functional teams using JIRA and Confluence.
* Robust problem solving skills with a proactive approach to troubleshooting, debugging, and optimizing application performance.
* Excellent communication and teamwork skills, fostering collaboration between development, QA, and business teams for efficient project delivery.

**TECHNICAL SKILLS**

**Programming Languages & Frameworks:** C#, ASP.NET Core, .NET Framework, .NET Core, .NET MVC, VB.NET, EF6, EF Core, LINQ, ADO.NET, Razor Pages, Blazor, WPF, XAML, NHibernate

**Web Development:** TypeScript, JavaScript (ES6+), React.js, Angular, jQuery, HTML5, CSS3, Tailwind CSS, Bootstrap, AJAX

**Databases:** SQL Server, T-SQL, MySQL, PostgreSQL, MongoDB, Cosmos DB

**API Development & Communication:** RESTful APIs, GraphQL, SOAP, WCF, WebSocket, SignalR

**Cloud Technologies & Services:** Microsoft Azure (App Services, Functions, Blob Storage, Key Vault, Application Insights, Azure AD, Azure Logic Apps, ARM Templates), AWS (EC2, S3, RDS, Lambda)

**DevOps & CI/CD:** Docker, Kubernetes, Azure DevOps, Jenkins, MS Build, Maven, Terraform, BitBucket, Git, TFS

**Microservices & Event-Driven Architecture:** Apache Kafka, RabbitMQ

**Security & Authentication:** OAuth 2.0, JWT, XSS Mitigation

**Testing & Debugging:** NUnit, xUnit, MSTest, Mockito, Moq, TDD, Postman

**Server & Infrastructure:** IIS, Kestrel, Nginx

**Project Management & Collaboration:** JIRA, Confluence, Agile (Scrum, Kanban)

**EDUCATION**

**Bachelor in Computer Science Engineering** - Jawaharlal Nehru Technological University (JNTU), India.

**EXPERIENCE**

**iSalus Healthcare, Orlando, FL**

**.NET Full Stack Developer | January 2024 - Present**

**Responsibilities:**

* Designed and developed scalable applications using C# and ASP.NET Core, ensuring high performance and maintainability.
* Developed and managed database solutions using SQL Server, EF Core, Cosmos DB, and T-SQL, improving data storage and processing efficiency.
* Leveraged Apache Kafka for event-driven architecture, enabling seamless data streaming and real-time processing.
* Built RESTful APIs and implemented GraphQL for efficient data retrieval and optimized client-server communication.
* Utilized Async/Await for asynchronous programming, enhancing application responsiveness and efficiency.
* Created dynamic and responsive UI components using HTML5, CSS3, Bootstrap, and JavaScript (ES6+), ensuring an engaging user experience.
* Developed and maintained ASP.NET Blazor and Razor Pages, building interactive and modern web applications.
* Worked with Microsoft Azure services, including App Services, Functions, Blob Storage, and Key Vault, for cloud-native application development.
* Designed and transformed XML data structures using XSD and XSLT, improving interoperability across different systems.
* Implemented XSS Mitigation strategies to enhance web application security and protect against vulnerabilities.
* Deployed and orchestrated containerized applications using Docker and Azure Kubernetes Service (AKS) to ensure scalability and reliability.
* Managed infrastructure as code using Terraform, automating cloud provisioning and resource management.
* Established CI/CD pipelines with Azure DevOps, ensuring automated testing and seamless deployment processes.
* Created and published reusable components and libraries using NuGet, streamlining development efficiency.
* Configured and optimized IIS for hosting and deploying secure and high-performance web applications.
* Collaborated with teams using Pair Programming, fostering knowledge sharing and improving code quality.
* Used Git for version control and collaboration and Utilized Postman for API testing.
* Followed Test-Driven Development (TDD) principles and wrote unit tests using NUnit to maintain software quality.
* Monitored application performance using Azure Application Insights, enabling proactive troubleshooting and optimization, and Integrated Azure AD for authentication and authorization.

**Environment:** C#, ASP.NET Core, GraphQL, SQL Server, EF Core, Cosmos DB, Apache Kafka, Bootstrap, JavaScript (ES6+), ASP.NET Blazor, Razor Pages, Microsoft Azure, XML, Docker, AKS, Terraform, Azure DevOps, NuGet, IIS, Postman, TDD, NUnit, Azure AD, Git.

**Liberty Bank and Trust, New Orleans, LA**

**.NET Developer | November 2022 - December 2023**

**Responsibilities:**

* Developed web applications using C# and ASP.NET Core, ensuring high performance and scalability.
* Designed and implemented RESTful APIs and Microservices architectures to enhance modularity and system efficiency.
* Utilized Entity Framework (EF6) for seamless database interactions, optimizing queries, and improving data retrieval.
* Integrated WebSocket for real-time communication, enhancing application responsiveness and user experience.
* Worked with MySQL, designing and optimizing database structures for efficient data storage and retrieval.
* Configured and optimized Kestrel as a web server to improve request handling and application performance.
* Developed dynamic and responsive UI components using React.js, Redux, TypeScript, and jQuery to enhance user interfaces.
* Styled and structured front-end components using HTML5 and Tailwind CSS, ensuring modern and accessible web designs.
* Leveraged Azure services such as ARM Templates, Azure Functions, Azure Logic Apps, and Azure Blob Storage to build cloud-native solutions.
* Utilized Jenkins and MS Build for automated builds and deployments, ensuring smooth CI/CD pipelines.
* Designed Razor Views to build interactive and visually appealing server-side web pages.
* Documented and tested APIs with Swagger, Managed source control, and collaborated on projects using BitBucket.
* Deployed and orchestrated containerized applications using Kubernetes, ensuring high availability and scalability.
* Processed and exchanged structured data efficiently using JSON, improving system interoperability.
* Developed and maintained unit and integration tests using xUnit, ensuring application stability and reliability.
* Monitored application performance and logs using the ELK Stack (Elasticsearch, Logstash, and Kibana) and Implemented authentication and authorization mechanisms using OAuth 2.0

**Environment:** C#, ASP.NET Core, RESTful APIs, Microservices, EF6, WebSocket, MySQL, Kestrel, React.js, TypeScript, jQuery, HTML5, Tailwind CSS, Azure, Jenkins, MS Build, Razor Views, Swagger, BitBucket, Kubernetes, JSON, xUnit, ELK, OAuth 2.0.

**NetJets, Columbus, OH**

**.NET Developer | August 2021 - October 2022**

**Responsibilities:**

* Developed and maintained ASP.NET Web Forms applications, enhancing functionality and optimizing performance.
* Developed and supported enterprise applications using .NET and VB.NET, focusing on performance optimization and maintainability.
* Built dynamic and interactive web applications using TypeScript and Angular, improving user experience and responsiveness.
* Designed and implemented MongoDB schemas to support scalable and high-performance data storage solutions.
* Developed and consumed WCF services with SOAP, enabling seamless integration with external systems.
* Automated deployment pipelines using Jenkins, Maven, and CI/CD best practices to streamline software releases.
* Implemented real-time communication features with SignalR, improving application responsiveness and user engagement.
* Worked in an Agile (Kanban) environment, collaborating closely with cross-functional teams for efficient project delivery.
* Deployed applications on AWS (EC2, S3, RDS, and Lambda), optimizing cloud infrastructure for scalability and cost-effectiveness.
* Utilized Moq for unit testing, ensuring robust and reliable application performance.
* Configured NLog for logging and monitoring, improving system diagnostics and troubleshooting capabilities.
* Integrated NHibernate ORM for seamless database interactions, reducing manual query overhead.
* Used AJAX to enhance web application responsiveness, minimizing page reloads and improving performance.
* Maintained documentation and knowledge sharing using Confluence and Secured APIs and user authentication flow with JWT
* Managed source control and versioning with TFS and Configured and optimized Nginx as a reverse proxy for enhanced web application performance and security.

**Environment:** ASP.NET Web Forms, .NET, VB.NET, TypeScript, Angular, MongoDB, JWT, WCF, SOAP, Jenkins, Maven, SignalR, Agile (Kanban), AWS, Moq, NLog, NHibernate, AJAX, Confluence, TFS, Nginx.

**Covered Insurance, Denver, CO**

**.NET Software Engineer | March 2018 - July 2021**

**Responsibilities:**

* Designed and developed scalable applications using C# and ASP.NET MVC, ensuring high performance and maintainability.
* Created and optimized complex database queries, stored procedures, triggers, and views in SQL Server to enhance data processing efficiency.
* Utilized LINQ for seamless data manipulation, improving query execution and system responsiveness.
* Integrated RabbitMQ for reliable messaging and asynchronous processing, enhancing system scalability and performance.
* Designed and implemented WPF applications with XAML for rich, interactive UIs.
* Built responsive applications using HTML, CSS, and JavaScript for a seamless user experience.
* Implemented Serilog for structured logging and real-time application monitoring, improving troubleshooting and debugging.
* Wrote unit and integration tests using MSTest to maintain code quality and ensure robust application functionality.
* Followed Agile methodologies, participating in daily stand-ups, sprint planning, and retrospectives to improve development cycles.
* Created UML diagrams for system architecture, streamlining design processes and improving team collaboration.
* Managed source control and collaborated on projects using Git. Tracked development tasks and project progress in JIRA.

**Environment:** C#, ASP.NET MVC, SQL Server, LINQ, RabbitMQ, WPF, XAML, HTML, CSS, JavaScript, Serilog, MSTest, Agile, UML, Git, JIRA.

**Fluper Limited, India**

**Jr. NET Developer | December 2016 - February 2018**

**Responsibilities:**

* Created feature-rich Windows Forms applications using C#.NET with optimized business logic.
* Played a key role in designing relational databases and writing optimized stored procedures, triggers, and database functions in SQL Server for seamless data processing.
* Developed dynamic desktop applications utilizing jQuery, XML, and Visual Studio .NET to improve application efficiency and usability.
* Created responsive and interactive user interfaces using HTML, CSS, Bootstrap, JavaScript, and jQuery, ensuring strong client-side validation.
* Designed and implemented a robust front-end application using ASP.NET, integrating C# for backend processing to streamline business operations.
* Utilized LINQ to Entity Framework for efficient data querying, ensuring smooth and optimized interactions with database entities.
* Conducted Unit Testing and Integration Testing to validate application performance and collaborated in User Acceptance Testing for final approval.
* Implemented input validation using JavaScript, VBScript, and jQuery to maintain data integrity and enhance application security.
* Used ADO.NET for efficient SQL Server interactions, developing stored procedures, triggers, and database cursors for optimized performance.
* Managed source control, branching, and merging in Team Foundation Server (TFS), ensuring smooth deployment from development to production.

**Environment:** C#.NET, SQL Server, ADO.NET, ASP.NET, EF, LINQ, jQuery, JavaScript, VBScript, XML, HTML, CSS, Bootstrap, Visual Studio .NET, TFS.