SR. FULL STACK .NET DEVELOPER

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Professional Summary

- Results-driven Software Engineer with 5+ years of experience in designing, developing, and deploying scalable, high-performance full-stack applications using modern .NET technologies and cloud platforms.
- Expert in designing microservices-based architectures and developing API-driven solutions for enterprise and cloud-native applications.
- Proficient in backend development using C# .NET, .NET Core, ASP.NET MVC, Web API, Entity Framework, LINQ, and SQL, ensuring efficient data handling and optimized performance.
- Strong front-end development expertise with React.js, Angular, JavaScript, TypeScript, and Bootstrap, delivering responsive, high-performance UIs for seamless user experiences.
- Hands-on experience with DevOps and CI/CD pipelines, automating deployments using Jenkins, GitHub Actions, and Azure DevOps while managing containerized applications via Docker and Kubernetes.
- Expertise in cloud platforms including AWS (EC2, S3, Lambda, RDS, IAM, CloudFormation) and Azure (Functions, Service Bus, App Services, DevOps Pipelines) for scalable and cost-effective deployments.
- Advanced database management skills, including SQL Server, PostgreSQL, MongoDB, and MySQL, focusing on query optimization, indexing, and stored procedures for high-performance applications.
- Extensive experience in authentication and security, implementing OAuth2, JWT-based security, Active Directory (ADFS), and role-based access control (RBAC).
- Developed and deployed serverless applications using AWS Lambda, DynamoDB, and API Gateway, reducing operational costs and improving performance.
- Expert in unit testing, integration testing, and automated test frameworks such as NUnit, Selenium, Jest, and Cypress, ensuring high-quality code delivery.
- Architected and deployed highly available, fault-tolerant cloud-native applications using .NET Core, Microservices, Kubernetes, and distributed caching (Redis, Memcached).
- Led monolithic-to-microservices migrations, implementing API Gateway, Service Mesh (Istio), and Event-Driven Architecture, improving system scalability and performance.
- Automated infrastructure provisioning using Terraform, CloudFormation, and Ansible, streamlining cloud resource management for DevOps teams.
- Strong knowledge of software design patterns, including Factory, Singleton, Repository, and Dependency Injection, ensuring clean, modular, and maintainable codebases.
- Proficiency in multi-threading and parallel processing using Task Parallel Library (TPL) and Async/Await in C#, improving application responsiveness.
- Developed enterprise-grade Web Applications with Single Page Application (SPA) frameworks, including React, Angular, and Blazor, enhancing UI performance and scalability.
- Expertise in message queueing systems such as RabbitMQ, Apache Kafka, and AWS SQS, enabling real-time event-driven architecture for large-scale applications.

➤ Experience leading Agile teams, participating in Scrum, sprint planning, and retrospectives, ensuring timely delivery of high-quality software solutions.

Technical Skills

Category	Technologies/Tools
Backend	C# .NET, .NET Core, ASP.NET MVC, Web API, Entity Framework, LINQ
Frontend	React.js, Angular, JavaScript, TypeScript, Bootstrap, Material UI
Cloud & DevOps	AWS (EC2, S3, Lambda, RDS, IAM, CloudFormation), Azure (Functions, Service Bus, App Services, DevOps Pipelines), Docker, Kubernetes, Terraform, Jenkins, GitHub Actions
Databases	SQL Server, PostgreSQL, MongoDB, MySQL, CosmosDB, Cassandra
Testing & CI/CD	NUnit, Selenium, Jest, Cypress, Jenkins, GitHub Actions, Azure Pipelines
Version Control	Git, GitHub, TFS, SVN, JIRA, Azure DevOps, Bitbucket

Professional Experience

AIM Specialty Health, Chicago, IL   **Sep 2022 to Present**

Senior .NET Full Stack Developer

Designed and developed a robust, scalable healthcare management system to improve patient records, billing, and appointment scheduling while ensuring compliance with healthcare industry standards (HIPAA, HL7, FHIR).

➤ Architected and developed a microservices-based healthcare platform using .NET Core, C#, Web API, and Entity Framework, ensuring modular, scalable, and maintainable services.
➤ Optimized RESTful APIs, reducing API response time by 40% through caching strategies and query optimizations.
➤ Led UI development using React.js and TypeScript, enhancing frontend responsiveness and reducing page load times by 35%.
➤ Implemented AWS cloud solutions, leveraging Lambda, EC2, RDS, and IAM for secure, cost-effective, and scalable deployments.
➤ Automated CI/CD pipelines using Jenkins and Azure DevOps, reducing deployment time by 60%, ensuring zero-downtime releases.
➤ Designed comprehensive test automation suites using NUnit and Jest, improving test coverage and reducing post-deployment defects by 50%.
➤ Deployed containerized applications using Docker and Kubernetes, ensuring seamless scaling and high availability of services.

- ➢ Integrated real-time data synchronization using SignalR and WebSockets, enabling live updates for patient records and doctor availability.
- ➢ Collaborated with product managers and stakeholders to define application workflows, enhancing business processes and reducing manual operations by 25%.

Key Achievements:
- ➢ Successfully led a 5-member team to migrate a monolithic legacy system to a microservices-based architecture, improving reliability, scalability, and maintainability.
- ➢ Developed a serverless AWS Lambda-based data processing pipeline, cutting operational costs by 30% through efficient resource utilization.
- ➢ Implemented GraphQL-based APIs, optimizing data retrieval and reducing frontend loading times by 45%, leading to a smoother user experience for patients and healthcare providers.
- ➢ Ensured 100% compliance with healthcare industry standards (HIPAA, HL7, FHIR) by implementing secure authentication (OAuth2.0, JWT, Active Directory) and role-based access control (RBAC).
- ➢ Integrated real-time monitoring using ELK Stack (Elasticsearch, Logstash, Kibana), improving issue resolution time by 50% and enhancing system observability.

KPMG, Chicago, Illinois   **Nov 2020 To Aug 2022**
FULL STACK .NET DEVELOPER

- ➢ Developed and optimized a scalable, cloud-based e-commerce platform, enabling seamless transactions, secure authentication, and enhanced data analytics.
- ➢ Designed and developed high-performance ASP.NET MVC and .NET Core applications, ensuring scalability, security, and high availability.
- ➢ Implemented RESTful APIs and microservices, enabling seamless communication between inventory, payments, and order management systems.
- ➢ Built Azure-based applications, leveraging Azure Functions, Service Bus, and App Services, reducing infrastructure costs and improving fault tolerance.
- ➢ Developed advanced reporting features using SQL Server Reporting Services (SSRS) and Power BI, providing real-time insights for business operations.
- ➢ Integrated OAuth2 authentication and Azure Active Directory (AAD), enabling secure single sign-on (SSO) and role-based access control (RBAC).
- ➢ Automated infrastructure provisioning with Terraform, streamlining cloud resource management and reducing manual setup efforts.
- ➢ Developed a React.js-based admin dashboard, providing a user-friendly interface for real-time sales tracking and system monitoring.
- ➢ Optimized database performance by implementing indexing, query optimization, and stored procedures in SQL Server, reducing query execution time by 40%.

Key Achievements:
- ➢ Spearheaded the development of an Azure-based event-driven messaging system, reducing data processing latency by 50%, enabling faster customer order tracking.
- ➢ Built an automated CI/CD pipeline using Jenkins and Terraform, decreasing deployment time from 1 hour to just 10 minutes, ensuring seamless releases.
- ➢ Developed and launched a React.js-based admin dashboard, improving data analytics and operational monitoring efficiency by 35%, enabling better decision-making.

Implemented role-based authentication and multi-tenant architecture, improving security and accessibility for vendors, administrators, and customers.

- Integrated payment gateways (Stripe, PayPal) with secure tokenization, ensuring PCI-DSS compliance and secure transactions.

Uline, Pleasant Prairie, WI   **Oct2019 to Nov2020**
.NET DEVELOPER

- Involved in requirement analysis, designing and development. Used AGILE/SCRUM methodology to implement the application. Involved in development of MVC patterns for client server interaction.

- Used Silverlight for the rich internet applications.

- Worked with ASP.NET 4.0 and 4.5 (C#) and the .NET framework that includes actual experience wiring databases to forms and websites, ideally through object-based data layer mechanisms and multi-tier systems.

- Extensively used ASP.NET MVC, C#.NET Validation Controls and JavaScript for client-side validations in the Web Pages. Used ASP.NET web form controls such as Grid View, List View, etc. for displaying data.

- Involved in development of Web Forms, classes using ASP.NET that incorporates both N-Tier Architecture, and Database and web Connectivity.

- Created MVC4 UI that communicates with WCF services using XML SOAP and WSDL for creating proxy classes.

- Wrote a C# DLL for requesting data from REST services in JSON format that will be used programmers who converted from mainframe programming to C# WinForms programming.

- Direct efforts to define technical, operational and user requirements.

- Proficient at developing Single Page Application (SPA) with AngularJS controllers, Fiserv DNA, directives, factories, services, routing, DOM manipulation using JavaScript, React Native, jQuery, and AngularJS. Design conceptual architecture and technical solutions. Improved the user experience of Web Pages by using AJAX.

- Provide guidance, mentoring, education, and leadership on how to effectively create and support the applications.

- Involved in developing Web Services, WCF Web Service using SOAP/HTTP to communicate with legacy systems.

- IMFORG to Site core migration. Custom Layouts, Templates, Sitecore Administration, User/Role Management, Central administrator, SQL Server integration with Sitecore instances, Workflows, packaging, Media Framework.

- ➢ IIS Administration, Web based applications - Sitecore/ASP.NET, Load Balancing, Mulesoft, NetScaler VIP configuration, power shell scripts. Responsible for developing Windows applications using C#, WPF, MVVM Framework.

- ➢ Created Web APIs using ASP.NET Web API allow new web/client projects to leverage reusable data.

- ➢ Created a RESTful Web API service using ASP.NET Web API to generate data for the Care more Providers which was then consumed in the front-end by the Angular framework.

- ➢ Developed web applications using Google Maps API and web mapping applications using ArcGIS online, Portal for ArcGIS. Used Angular JS 2.0 as development framework to build Single Page Application (SPA)

- ➢ Developed and enhanced client and broker account management of Care more Application portals User interfaces using Angular.js, jQuery, HTML, Optimizely, Bootstrap, CSS, Oracle DB, GCP, JavaScript, Typescript and AJAX.

- ➢ Used front end web development tools like HTML, CSS, JavaScript, and jQuery.

- ➢ Used LINQ to manipulate and fetch the data from database. Used TFS for code management and version control.

- ➢ Used ADO.NET to retrieve data from MS SQL Server 2012.

- ➢ Data Access Layer using Entity Framework with the SQL Server 2014 Database Implemented.

Environment: ASP.NET, Web API, MVC 5, C#, Visual Studio.Net 2015, .Net Framework 4.6.2, SQL Server 2012, SSIS, IIS 7.0, HTML, CSS3, Bootstrap, jQuery 1.11.3, JSON 2.1.0, AJAX, JavaScript, Angular JS, Redux and Hooks, JSON, XML, WCF and SOAP Web Services, LINQ, Entity Framework 6.2, Unknit Framework, TFS.

Education:
- ➢ Master's in Computer Science, University of Dayton, Dayton