

Hamza Zahid Khokhar

Senior Full Stack Developer

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Relocation: Willing to relocate

Summary

Expert Full-Stack Developer with 09 years of experience in architecting and deploying complex web applications across diverse industries. Specialized in the .NET ecosystem (C#, .NET Core, ASP.NET MVC) integrated with modern front-end frameworks, including Angular and React. Possesses a proven track record of delivering robust, scalable solutions utilizing Domain-Driven Design (DDD) principles, securing applications with industry standards like OAuth 2.0 and JWT, and maximizing efficiency through advanced Azure/AWS and Kubernetes/Docker DevOps practices. Focused on delivering tailored, high-performance solutions and providing technical leadership to development teams.

Experience

Senior Full Stack Developer

Appsvolt Inc – NY

March 2021 to Present

- Led development of scalable ASP.NET Core/MVC applications using DDD and Clean Architecture, reducing maintenance overhead by 40% and accelerating feature delivery across teams.
- Integrated Azure Service Bus for reliable, asynchronous communication between microservices, improving system decoupling and scalability. This enabled background task processing and reduced API latency for critical operations by 15%.
- Enhanced application security by implementing OAuth 2.0, OpenID Connect, JWTs, and reducing unauthorized access incidents by 90%.
- Improved development efficiency by 30% through Docker-based containerization and automated Kubernetes deployments across multiple environments.
- Built robust CI/CD pipelines using Jenkins, Azure DevOps, and GitHub Actions, cutting deployment time from 45 minutes to under 5 minutes and increasing release frequency by 3x.
- Optimized LINQ queries, indexing, and data modeling, improving page load speed by 35% and reducing API response latency by 40%.
- Delivered real-time communication modules with SignalR, increasing live user engagement by 25% and enabling sub-second UI updates.
- Reduced cloud infrastructure costs by 30% by leveraging serverless computing via Azure Functions and AWS Lambda with on-demand scaling.
- Increased backend performance by 35% using Redis distributed caching and asynchronous task execution across high-volume services.
- Improved system resilience and reduced downtime by 50% through implementing retry, circuit breaker, timeout, and fallback policies using Polly.
- Boosted frontend efficiency by 25% using Angular/React optimization techniques including lazy loading, code splitting, and state management enhancements.
- Achieved a 99.5% deployment success rate by integrating automated test suites (unit, integration, load) and enforcing quality gates within CI pipelines.

Full Stack Developer

Intellectsoft - NY

March 2018 – February 2021

- Engineered scalable APIs using .NET Core and successfully integrated GraphQL to provide flexible, efficient data querying, resulting in improved API performance.
- Conducted comprehensive performance tuning of SQL Server databases, including indexing strategies and query optimization, which yielded a considerable reduction in data retrieval times.
- Improved debugging and system stability by developing custom middleware focused on enhanced error handling and logging.
- Developed modern single-page applications (SPAs) with Angular and React, utilizing tools like TypeScript, Webpack, and Babel to improve product quality and development efficiency.
- Contributed significantly to back-end development, designing and implementing scalable APIs with ASP.NET Core and C#, with an emphasis on SOLID principles.
- Facilitated streamlined updates and efficient management by implementing application deployments on Azure and setting up CI/CD pipelines using Azure DevOps services.

Education

Bachelor of Science in Computer Science

Pace University – New York

Sep 2014 to Feb 2018

Core Skills

Backend & Core Development:

.NET Core, C#, ASP.NET, NHibernate, Entity Framework, RESTful APIs, LINQ, Asynchronous Programming, SOLID Principles.

Frontend & UI:

Angular, React (Redux, Context API), Blazor, JavaScript/TypeScript, HTML5, CSS3, Responsive UI

Architecture:

Microservices, Domain-Driven Design (DDD), N-Tier Architecture, Design Patterns, Clean Architecture

DevOps & Cloud:

Azure, AWS, Serverless Computing, Docker, Kubernetes, Jenkins, Azure DevOps, GitHub Actions, CI/CD Pipelines

Database & ORM:

SQL Server, NoSQL, Query Tuning, Indexing, NHibernate, Entity Framework

Testing & Quality:

NUnit, xUnit, Jasmine, Selenium, Cypress, Mocha, Jest, Static Code Analysis, Test Automation