

Daniel Rodriguez

daniel.rodriguez@codecrafttx.com

214-222-3333

Texas

Summary

Highly accomplished and versatile Full Stack Developer with over 10 years of experience designing, developing, and deploying robust web applications. Expert in the Microsoft .NET ecosystem (C#, ASP.NET Core, Entity Framework), complemented by strong proficiency in SQL Server for data management and React.js for dynamic front-end experiences. Adept at agile methodologies, leading cross-functional teams, and implementing scalable solutions. Possesses a unique blend of technical depth and a keen eye for user experience, including performance optimization for high-traffic applications and advanced data visualization techniques.

Experience

Lead Full Stack Engineer Tech Innovations Group Dallas, TX 2018 - Present

- Led the full lifecycle development of a mission-critical enterprise resource planning (ERP) system, utilizing ASP.NET Core Web API for backend services, SQL Server for data persistence, and React.js with Redux for a highly interactive user interface.
- Engineered and optimized database schemas and complex stored procedures in SQL Server, improving query performance by over 30% for core business operations.
- Implemented advanced state management patterns in React using Zustand/Jotai, significantly enhancing application responsiveness and developer experience for a large-scale single-page application.
- Mentored a team of 7 junior and mid-level developers, fostering best practices in clean code, unit testing, and secure coding.
- Drove the adoption of a microservices architecture for new feature development, leveraging Azure Service Bus for asynchronous communication and ensuring loose coupling.
- Integrated third-party APIs for payment processing and analytics, ensuring secure and efficient data exchange.

Senior Software Developer Velocity Software Solutions Houston, TX 2013 - 2018

- Developed and maintained high-volume e-commerce platforms using ASP.NET MVC, C#, and SQL Server.
- Designed and built RESTful APIs to support various client applications, ensuring data integrity and security.
- Implemented responsive user interfaces with React.js, integrating with backend APIs for real-time data updates.
- Collaborated with UX/UI designers to translate wireframes and mockups into functional, intuitive web applications.
- Conducted code reviews, identified performance bottlenecks, and refactored legacy code to improve maintainability and scalability.

Software Developer Lone Star Dev Co. Austin, TX 2011 - 2013

- Contributed to the development of custom software solutions for various industries, including finance and healthcare.
- Gained foundational experience in full stack development, working with C#, SQL Server, HTML, CSS, and JavaScript.
- Assisted with database design, data migration, and report generation.
- Participated in agile sprint planning and daily stand-up meetings.

Education

Bachelor of Science in Computer Science University of Texas at Dallas Richardson, TX 2011

Certifications

- Microsoft Certified: Azure Developer Associate
- Professional Scrum Developer (PSD I)

Niche Skills:

- Advanced State Management (Zustand/Jotai for React): While React developers often use Redux or Context API for state management, proficiency in more modern, lightweight, and often more performant solutions like Zustand or Jotai is a valuable niche. It indicates a deeper understanding of React's internals and a focus on optimization.

- **Performance Optimization for High-Traffic Applications:** This isn't just about writing efficient code; it involves a holistic understanding of caching strategies (client-side, server-side, CDN), database indexing, query optimization, load balancing, and network latency reduction specifically for applications expecting large user bases.
- **Complex SQL Server Query Optimization & Data Visualization Integration:** Beyond standard SQL, this implies expertise in advanced indexing, execution plan analysis, T-SQL performance tuning, and the ability to design database structures that seamlessly support complex data retrieval for reporting and interactive dashboards (e.g., integrating with Power BI or custom D3.js visualizations).