

Emily Davis

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New Jersey

Summary

Results-driven and highly experienced Full Stack Developer with 11 years of progressive experience in architecting, developing, and deploying enterprise-grade web applications. Proficient in the entire Microsoft stack, including C#, ASP.NET Core, and SQL Server, complemented by robust front-end development using React.js. Specializes in building scalable, secure, and high-performance systems with a focus on real-time data processing and advanced API security implementations. Proven ability to lead development teams, optimize workflows, and deliver innovative solutions in agile environments.

Experience

Principal Full Stack Developer Nexus Technologies Hoboken, NJ 2017 - Present

- Led the end-to-end development of a crucial financial trading platform, leveraging ASP.NET Core for high-throughput backend APIs, SQL Server for complex transactional data, and a React.js front-end for interactive data visualization.
- Designed and implemented a real-time data streaming architecture using SignalR, enabling instantaneous updates for market data and user interactions, critical for trading operations.
- Optimized database queries and schema designs in SQL Server, reducing report generation times by 40% and enhancing overall system responsiveness.
- Spearheaded the integration of OAuth 2.0 and OpenID Connect for advanced API security, ensuring robust authentication and authorization across distributed microservices.
- Managed a team of 6 full stack developers, overseeing code quality, architectural reviews, and continuous integration/continuous delivery (CI/CD) pipelines using Azure DevOps.
- Collaborated closely with product owners and UX/UI designers to translate business requirements into technical specifications and user-centric features.

Senior Software Engineer Oceanfront Software Solutions Asbury Park, NJ 2012 - 2017

- Developed and maintained custom CRM and inventory management systems using ASP.NET MVC, C#, and SQL Server.
- Built dynamic user interfaces with jQuery and later transitioned to early versions of React.js for new modules.
- Designed and consumed RESTful APIs to facilitate communication between different system components.
- Participated in code reviews and mentored junior developers on coding standards and best practices.
- Implemented unit and integration tests to ensure code quality and system reliability.

Software Developer New Jersey Dev Collective Trenton, NJ 2010 - 2012

- Contributed to the development of web applications for small to medium-sized businesses, focusing on front-end development with HTML, CSS, and JavaScript.
- Assisted with backend development tasks using C# and basic SQL queries.
- Troubleshoot and debugged software issues, providing timely resolutions to support client operations.

Education

Master of Science in Computer Science Stevens Institute of Technology Hoboken, NJ 2010

Bachelor of Science in Information Technology Rutgers University Newark, NJ 2008

Certifications

- Microsoft Certified: Azure Solutions Architect Expert
- Certified ScrumMaster (CSM)