

Hassenmoussawel

Senior Software Engineer

Hassenmoussawel@gmail.com

<https://www.linkedin.com/in/hassenmoussawel>

305-834-6247

Pompano Beach, FL, 33063

Strategic Senior Software Engineer with 12+ years of experience delivering scalable enterprise solutions, including EDC systems for healthcare and life sciences. Proactive innovator known for boosting efficiency and team productivity through advanced debugging, performance tuning, and optimized code.

Work Experience

Senior Software Engineer

Aug 2012 - May 2025

Anju Software | Remote

- Engineered and maintained web and Windows applications using C#, ASP.NET MVC, .NET, SQL, Web API, WinForms, JavaScript, HTML, and React
- Upgraded enterprise web applications by migrating from ASP.NET Web Forms to ASP.NET MVC with React, supporting application modernization and interface improvements
- Performed data integration and migration from a custom third-party database to our platform, transforming data to ensure compatibility and integrity
- Redesigned rendering engine components, enhancing data fetching and validation performance
- Fixed exponential database table growth, reducing support incidents and boosting performance
- Restructured randomization data processing in C# and SQL to prevent scrambling, developed diagnostic tools, and authored corrective scripts to maintain data integrity
- Built reusable React UI and state management, accelerating delivery and interface consistency
- Led a team of 4-5 developers through multiple product releases, coordinating Agile sprints and code reviews to ensure timely delivery of high-quality, scalable software solutions
- Applied both waterfall and Agile methodologies to deliver high-quality software solutions based on project needs
- Developed and optimized SQL scripts, resolving complex issues and boosting performance
- Debugged complex multi-module issues in Visual Studio, reducing recurring problems and increasing system stability
- Developed applications with microservices and n-tier architectures for critical healthcare data management, supporting robust, scalable solutions for enterprise clients
- Collaborated with QA and deployment teams to deliver fixes on time and with minimal disruption
- Created client documentation for patches, stored procedures, and deployment scripts to ensure smooth implementation
- Mentored team members on code quality, debugging, and development best practices
- Developed and maintained unit tests to ensure code stability, reducing bugs and enhancing application reliability

Core Skills

C#, ASP.NET MVC, T-SQL, .NET, Object Oriented Programming (OOP), Software Design Patterns, Visual Studio, ASP.NET Web Forms, ASP.NET Core, Debugging, Unit Tests, JavaScript, HTML, Databases, WinForms, CSS, REST APIs, ASP.NET Web API, React.js, Angular, TypeScript, AWS, Azure, Python

Education

Florida International University - Bachelor's Degree in Mathematics