Taylor Deiaco

Senior Software Developer

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Results-oriented software engineer bringing over 10 years of experience in building scalable web solutions. Adept at the full software development life cycle, from design and testing to deployment and maintenance. Demonstrated multidisciplinary aptitude for rapidly adopting new programming languages, frameworks, and tools to deliver innovative features and system improvements.

Technical Proficiencies

Areas of Expertise:	OOP/OOD/SOLID, Software Architecture, Database Design, Agile/Scrum Feature Development, REST API Development, ORM Development
Platforms:	Windows, Azure Web Development
Tools:	C#, .NET 8, .NET Core, Blazor/MVC, MySQL, SQL Server, Entity Framework, WPF/XAML, Linux OS, Python, Redis

Career Experience

Alpine Testing Solutions, Orem UT 2025 – Present
Senior Software Developer

Alpine Testing Solutions specializes in providing technology-enabled, validity-centered services for high-stakes professional certification and credentialing programs, with a core focus on test development, psychometrics, and comprehensive exam and program security.

As a Senior Software Engineer, I support the core CM Connect platform by taking responsibility for the design, development, and optimization of backend business logic that drives the entire product ecosystem for high-stakes credentialing programs. My work involves architecting robust, scalable solutions to manage complex candidate, exam, and certification data, ensuring high reliability and security. I play a critical role in organizing and implementing core features that directly impact the operational efficiency and integrity of the platform, collaborating closely with psychometric and product teams to translate complex requirements into clean, maintainable, and highly efficient code.

MSP+, Denver, CO (formerly Stack Advisors), 2015 – 2025
Senior Software Developer

MSP+ is an organization of twenty-five merged from five others providing services to MSPs. The services range from IT strategy consulting, Cloud and infrastructure to custom software development as well as solutions. Originally contributed as a team member in the software development department of the MSP consultancy, Stack Advisors.

Collaborate with management, internal departments, and vendor clients to define end-user requirements and technical specifications. Drive continuous improvement of existing software through proactive troubleshooting, debugging, and optimization. Develop and integrate solutions using C# .NET Core 8, Blazor, MVC, and MVVM. Ensure seamless integration with RMM platforms, particularly the ConnectWise ecosystem. Leverage application-controlled databases to automate and integrate vendor REST API services, enhancing efficiency and functionality.

- Designed more than 60% of a full-stack SaaS product, designing UI, backend database layer, and CI/CD, while maintaining bug/ticket rates of less than 5% of user base.
- This SaaS system is complicated and multi-disciplinary, with on-premises agents, background jobs, automatic MSI generation, integrations with scripting languages, and complicated auth systems with authentication migrations.
- Recognized with the Stack Advisors Core Values award for consistently serving as a powerful asset to the SCRUM team and demonstrating exceptional leadership in communication, fostering clarity and collaboration within the team.

Education

Bachelor of Science in Electrical Engineering (BSEE), Cum Laude
Colorado Technical University, Colorado Springs
Designed microcontroller hardware and software for an educational simulated solar system game.