

Marshall Banks

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Career Profile

Dynamic Software Engineer with professional experience in full-stack development, specializing in scalable, high-impact software solutions. Skilled in C#, .NET, and SQL with a strong focus on enhancing user experience, operational efficiency, and application performance.

Professional Experience

State of Washington, Department of Social and Health Services | Olympia, WA *Dec 2023 - Present*

Software Engineer, Division of Child Support

- Design, develop, and maintain scalable web and server-based applications using C#, .NET (Core and Framework), SQL Server, and modern web technologies.
- Implement API integrations and RESTful services to enhance system connectivity and data flow across enterprise applications.
- Collaborate with cross-functional teams to gather requirements, design system architecture, and deliver solutions aligned with legal and policy standards.
- Modernize legacy systems, migrate critical content using SharePoint and enterprise tools, and contribute to Agile development practices through code reviews and unit testing.

Education

Bachelor of Science (B.S.) Software Development, **Completed June 2023**

Western Governors University | Salt Lake City, UT

Projects

- [Portfolio Website](#): Designed and deployed a professional portfolio site to showcase experience, skills, and projects. Built with HTML, CSS, and hosted on GitHub Pages.
- [Desktop Support Scheduling App](#): Developed a C#/.NET desktop application with SQL database integration to manage user scheduling and improve operational workflows.
- [Degree Planner Mobile App](#): Built a cross-platform mobile app using Xamarin and SQLite for academic planning, featuring multi-screen navigation and persistent local storage.
- [Inventory Management App](#): Created a C# inventory management system with robust search, part tracking, and exception handling, transitioning operations from manual spreadsheets.

Skills

Programming: C#, .NET (Core and Framework), SQL, HTML, CSS, Razor Pages, Python (basic), JavaScript (basic)

Software & Tools: Visual Studio, VS Code, Git, GitHub, GitKraken

Databases: SQL Server, PostgreSQL, Microsoft Access

Development Practices: Agile (Scrum), SDLC, ITIL (foundational knowledge), Unit Testing

Other: API Integration, RESTful Services, Object-Oriented Programming (OOP), Entity Framework