

# Marshall Banks

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## Career Profile

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Dynamic Software Engineer with extensive experience in full-stack development, specializing in creating scalable, high-impact software solutions. Expert in C#, .NET, and SQL with a keen focus on enhancing user experience and operational processes through innovative application development.

## Professional Experience

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State of Washington, Department of Social and Health Services | Olympia, WA

*Dec 2023 - Present*

Software Engineer, Division of Child Support

- Spearhead the design, development, and maintenance of vital software systems for state-wide initiatives, enhancing client services and organizational efficiency.
- Lead development efforts for web and Windows server-based applications, employing .NET frameworks and modern web technologies to produce scalable client-server solutions.
- Drive collaboration with cross-functional teams to integrate, design, and deploy modern applications that align with state legal policies and system requirements.
- Harness SharePoint and other tools to develop robust solutions and migrate content, ensuring seamless access to information across department

## Education

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Bachelor of Science (B.S.) Software Development,

Completed June 2023

WESTERN GOVERNORS UNIVERSITY | Salt Lake City, UT

## Academic Projects

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- **Desktop Support Scheduling App:** Used C#, .NET, and SQL to develop a desktop user interface application for scheduling. Gained hands-on experience in database integration and GUI development.
- **Degree Planner Mobile App:** Developed a multi-screen mobile application for iOS and Android platforms using Xamarin and SQLite. Gained valuable experience in cross-platform mobile app development and database integration.
- **Inventory Management App:** Leveraged C# and Visual Studio to design a sophisticated inventory application, transitioning from spreadsheet-based tracking. Incorporated part and product management, search capabilities, and robust exception handling, enhancing data accuracy and operational efficiency.

## Skills

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**Programming:** C#, .NET, SQL, Xamarin, HTML, CSS, Python, JavaScript (Foundational)

**Software:** Visual Studio, VS Code, Git, GitHub

**Cloud Technologies:** Microsoft Azure

**Databases:** SQL, PostgreSQL, Access

**Methodologies:** Agile (Scrum), SDLC, ITIL

## Learning Interests

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.NET/C#, Web and Mobile Application Development, Angular 2.0+, React/React Native, Git, Agile Development, SDLC, Microsoft Azure, PostgreSQL.