

Daniel Olvera

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Summary

Experienced Software Engineer specializing in AI integration and cross-team collaboration with a proven track record in delivering high-quality solutions. Key achievements include developing a custom AI solution that significantly automated textbook indexing and leading a project for AWS-powered solutions that optimized operations. Eager to leverage expertise in AI and software development to contribute to innovative projects and drive technological advancements.

EXPERIENCE

IntelliTect

Jul 2023 - Present

Software Engineer II

Spokane, WA

Delivered value across multiple client projects while emerging as a key leader in both AI enablement and cross-team collaboration. Played an integral role in the company's AI adoption efforts by presenting AI workshops and hands-on sessions that helped developers integrate AI tools effectively into their workflows. Consistently ramped up quickly on a wide range of client projects and delivered high-quality solutions.

- Developed a production-ready, custom AI solution that automated the creation of a textbook's index saving 4 weeks of manual work
- Integrated multiple financial vendors' APIs into a production .NET MAUI banking app, providing users access to budgeting, bill payments, and card tracking, thereby improving user functionality
- Worked as technical lead on an AWS-powered bill-PDF rendering solution that improved operational efficiency by processing 100,000 bills in under 12 minutes
- Defined best practices and guardrails for MCP server and Agentic workflow usage for a Fortune 500 client, and created example implementations that reduced developer onboarding time

Coca-Cola Swire

May 2022 - Feb 2023

Applications Developer

Draper, UT

Developed and maintained on-premise and cloud based solutions in .NET. Learned and utilized cutting edge technologies to increase business visibility into mission-critical processes.

- Developed a web-based monitoring application to monitor legacy systems, resulting in an internship extension
- Rewrote a full stack project, improving performance by 40% in runtime and enhancing stability
- Applied multiple programming languages (C#, Python, JavaScript) to deliver features that improved code quality and actively contributed to Agile seminars, enhancing team collaboration

COMMUNITY LEADERSHIP

Spokane .NET User Group

Apr 2024 - Present

Organizer

- Organized the .NET User Group in Spokane with monthly speakers to foster learning and inclusivity in the developer community. Gave personal talks on AI productivity, EF Core improvements, and AI powered solutions in .NET.
- Prepared and presented a .NET Conference talk on custom Machine Learning in .NET and contrasted the same experience in Python

PROJECTS

BreakPoint.AI

Oct 2025 - Present

DAO Codes

- Developed two custom models and utilized a third model to analyze a tennis swing video to actionable coaching feedback
- Designed a web app and API to view historical swing data, request new swing analysis, and record matches.
- Connected the application to Google Auth to allow a seamless SSO login experience for the user

Mozilla Security Research

BYU Web Security Lab

- Researched with a PhD student at BYU to investigate FIDO2 protocol and any possible breaches involving extensions and a proof-of-concept solution

TECHNICAL SKILLS

- **Technical Skills:** Custom AI Models, SQL & NoSQL, RAG & AI-powered solutions, UI/UX Design, Cloud Development (Azure & AWS), Agentic Workflows, GitHub, Docker & Containerized Solutions, Angular, .NET, MCP Servers, Vue.js, Full Stack Development, Database Design
- **Project Management:** Agile Methodology, Scrum Methodology, Backlog Management

EDUCATION

Brigham Young University

B.S, Computer Science

- **GPA:** 3.85

2020 - 2023

Provo, Utah

CERTIFICATIONS & AWARDS

- Microsoft Certified Azure AI Engineer Associate (AZ-102)
- Microsoft Certified Azure Developer Associate (AZ-204)
- Hispanic Scholarship Fund Scholar
- Microsoft Grant Recipient