

Trevor Valenton

SENIOR SOFTWARE ENGINEER

Sacramento, California
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Thirteen years building .NET software for clients ranging from startups to Fortune 500 companies. Co-Founder and Head of Development at Tralemix, working mostly in Azure, Blazor, and REST APIs. I focus on shipping simple, reliable solutions, favoring clarity and predictability over architecture that's complex for its own sake. That matters most for the pieces that can't afford to fail: once it's built, it stays built.

CORE COMPETENCIES

.NET & Cloud

.NET Core/Blazor/Web APIs, React.js, Azure (App Services, SQL, DevOps, Functions, AI Search), AWS, SQL Server, Microservices, RESTful APIs, CI/CD, Real-Time Systems, ETL Workflows

Leadership

Software Architecture, SDLC Management, Agile/Scrum, Technical Consulting, Security & Compliance (SOC 2, WCAG), Disaster Recovery, Stakeholder Collaboration

AVAILABILITY

Sacramento-based, open to remote or local · Available immediately

PROFESSIONAL EXPERIENCE

Co-Founder & Head of Development

Aug 2024 - Present

TRALEMIX · SACRAMENTO, CA

- Set the technical direction for the consultancy, including the .NET and Azure practices and standards we build on, and consult on code reviews, architecture assessments, and modernization plans
- Build custom APIs, Blazor applications, and Azure solutions — WordPress sites at one end, microservices at the other, whichever the problem actually calls for

Owner / Senior Software Engineer

Nov 2022 - Dec 2024

TCBV LLC · SACRAMENTO, CA

- Ran my own .NET and Azure consultancy for enterprise clients; main contract with ConferenceDirect (Nov 2022 – Aug 2024)
- Lead engineer on a legacy ERP move to NetSuite: data transformation, integrations, and training the people who had to use it
- Built a custom analytics platform, kept the CRM behind daily operations running, and moved repeat manual work into Azure Functions

Senior Associate Full Stack Engineer

May 2021 - Mar 2023

KPMG · SACRAMENTO, CA

- Prototyped a .NET service using Azure AI Search to match millions of records with fuzzy matching, which found what plain SQL queries kept missing
- Built a .NET web application for business license registration and compliance, replacing manual administrative steps
- Advised on data architecture so it would hold up at enterprise scale and stay explainable a year later
- Automated monthly excise tax processing for Fortune 500 clients with Alteryx workflows, turning days of manual work into a scheduled job

Software Engineer

Feb 2019 - May 2021

CONFERENCECDIRECT · FOLSOM, CA

- Co-led the split of a monolith into services using .NET Core APIs, React.js, Cypress, and Sentry
- Brought legacy .NET code up to current standards and made the React.js/.NET applications steadier to use
- Rebuilt the CI/CD pipelines in Azure DevOps and helped plan and run the move to Azure

Associate

May 2018 - Feb 2019

KPMG · SACRAMENTO, CA

- Replaced an Excel-run workflow with a .NET MVC web application, working with stakeholders and infrastructure teams from design through deployment
- Designed a SQL Server database to handle millions of sales tax records a month for data conversion projects
- Upgraded legacy SSIS packages to SQL Server 2016 standards

Application Developer

Feb 2013 - May 2018

AVALARA · ROCKLIN, CA

- Converted Microsoft Access tools into .NET web applications backed by SQL Server on AWS
- Architected a project management intranet and several client-facing customer portals
- Handled the whole lifecycle: full stack C# .NET work for web and Windows desktop applications, test-driven development to keep the codebase consistent, and IIS 8 and SQL Server instances configured, deployed, and supported in production