

## EMPLOYMENT

TwainJ Software		Recent Languages & Frameworks
<b>Owner, Contract Software Developer</b>	<b>Jan 2009 – Present</b>	
Participated in all stages of the software development lifecycle for ISV clients, including requirements gathering, architectural design, feature development, deployment planning and execution, bug fixing and other maintenance.		<ul style="list-style-type: none"><li>• C#</li><li>• .NET 6</li><li>• ASP.NET Core 3.1</li></ul>
Recent notable client projects and tasks include:		<ul style="list-style-type: none"><li>• TypeScript</li><li>• JavaScript</li><li>• Angular</li><li>• NodeJS</li></ul>
<u>Pro Tennis Registry</u> – A coaching registry to manage certification, education, insurance		<ul style="list-style-type: none"><li>• AWS Lambda</li><li>• IoT</li></ul>
• Enabled Single-Sign-On with 3 <sup>rd</sup> Party LMS using Azure B2C, SAML		<ul style="list-style-type: none"><li>• Azure B2C Auth</li><li>• IdentityServer 4</li></ul>
<u>Docutrack</u> – A Job management SaaS for ADA vehicle conversion shops		<ul style="list-style-type: none"><li>• CQRS</li></ul>
• Provided up-sell, “Service”, aspect to Jobs through data model refactor.		
• Created a QuickBooks integration to send Order data to API for SaaS customer.		
• Added a document workflow system, including data field editing, and digital signature execution, to promote regulatory compliance for customers.		
<u>V[irtual]-Bay</u> – A customer engagement pilot program for large regional chain of tire shops		
• Provided “in bay” status to a lobby monitor by processing license plate scans from bay cameras.		
<u>Zanoma</u> – An Amazon listing performance monitoring service for competitive sellers		
• 2018 Implemented OpenId Connect authorization integration for the SPA “portal”.		

Symyx Technologies, Inc.		Tools & Platforms
<b>Software Engineer</b>	<b>Jul 2006 – Apr 2009</b>	
Maintained legacy version of pharmaceutical Laboratory Notebook Software, and performed feature development on the new version with guidance from team leads.		<ul style="list-style-type: none"><li>• WPF</li><li>• Winforms</li><li>• VB6</li></ul>
Les Schwab Warehouses		Tools & Platforms
<b>Part Time Help:</b> <b>Database Application Development</b>	<b>Oct 1999 – Aug 2000</b> <b>Summers, 2001, 2002</b>	
Developed and converted applications for managing department-specific databases to accelerate non-line-of-business workflows.		<ul style="list-style-type: none"><li>• Delphi</li><li>• Object Pascal</li><li>• Paradox</li><li>• Object PAL</li></ul>

## Education

Oregon Institute of Technology		Tools & Platforms
<b>Klamath Falls, OR</b>	<b>Sep 2000 – Jun 2005</b>	
• B.S. Software Engineering Technology, June 2005.		<ul style="list-style-type: none"><li>• Visual Studio</li><li>• JetBrains tools</li><li>• C#, PHP, Web, DB</li><li>• Browser Dev Tools</li></ul>
• Undergraduate coursework: Computer Architecture; Data Structures; Operating Systems; Object Oriented Programming; Databases; Programming Languages; Industrial Economics; Calculus III		
Other Projects		
• <u>Consultancync</u> – A pluggable platform for exporting GrindStone time tracker records to the time tracking tools used by my clients		
• <u>XDPProTractor</u> – A desktop program for parsing, aggregating, and visualizing PHP XDebug trace logs to aid in performance tuning		
• <u>Wriwo</u> – A writing tool for structuring and visualizing snippets of narrative in graph form to aid in planning and writing stories with multiple branches, timelines, or endings (such as for games, choose-your-own-adventure, etc.).		