

# Brendan Ostrom

## Full-Stack Software Engineer | Applied AI Systems

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### TECHNICAL EXPERIENCE

<b>Full-Stack Software Engineer</b> <i>Momentum Technologies</i>	<b>AUG 2023 — Present</b> <i>Remote</i>
<ul style="list-style-type: none"><li>Implemented significant UI/UX improvements for the event detailing module as part of a team redesign effort using Vue.js (TypeScript)</li><li>Drove over \$130,000 in first-year ARR by engineering core components for a B2B2C event booking module using Vue.js, ASP.NET, RavenDB, and RabbitMQ on AWS</li><li>Created and delivered an applied AI curriculum that upskilled 80+ engineers in multi-agent orchestration, LLM system design, and AI API integration, accelerating company-wide AI adoption</li><li>Lead the implementation of AI tools and workflows for the Elite project, targeting enhancements in both developer productivity and customer-facing features</li><li>Leverage Dynatrace and DataDog for real-time monitoring, diagnosis, and resolution of production level issues</li><li>Mentor junior engineers and summer interns on best practices, and improved team quality by conducting technical interviews for new engineering hires</li><li>Provide production-level support to external partners, troubleshooting issues and coordinating with internal teams for resolution</li><li>Champion high code quality and rapid release cycles through rigorous peer code reviews and enforcement of team coding standards</li></ul>	
<b>Software Engineer</b> <i>Charles Schwab</i>	<b>JUN 2021 — AUG 2023</b> <i>Austin, TX / Remote (Hybrid)</i>
<ul style="list-style-type: none"><li>Utilized ASP .NET to migrate from monolith to microservice architecture that has resulted in API response time improvements of on average 55%</li><li>Implemented automated code-quality and security checks into our CI/CD pipelines that saved over 3 hours/wk in manual review</li><li>Used Splunk, AppMetrics, and AppDynamics to monitor and maintain existing microservices with an uptime of over 99.9%</li><li>Reduced code duplication and LOC by 26% by creating reusable NuGet packages for common functionality in microservices</li><li>Facilitated interviews and trainings for incoming software and QA engineers</li></ul>	

### SKILLS

<b>Languages</b>	C#, JavaScript/TypeScript, PHP, Python, SQL, Java
<b>Frameworks &amp; Libraries</b>	ASP.NET, Vue.js, React, Next.js, Express, Flask, Tailwind CSS
<b>Databases</b>	Firestore, MongoDB, PostgreSQL, RavenDB, SQL Server
<b>AI Systems &amp; Tools</b>	LLM Applications (OpenAI API, Vertex AI API, AWS Bedrock), LangChain, AutoGen, Semantic Kernel, Model Context Protocol (MCP), RAG Pipelines, AI Tooling Integration
<b>Tools &amp; Platforms</b>	AWS, RabbitMQ, Git, Docker, Bamboo, JIRA, Splunk, Dynatrace, DataDog, Swagger, CI/CD

### PERSONAL PROJECTS

<b>RuneLite Collection Log Plugin (<a href="#">Clogged.me</a>)</b>
<ul style="list-style-type: none"><li>Technologies used: Java (RuneLite plugin), React + TypeScript (frontend), Shadcn UI/Tailwind CSS (UI), PostgreSQL (database), Redis (caching + job queue), Docker (deployment), RuneLite API (integration)</li><li>Developed and maintain a high-traffic RuneLite plugin and companion website enabling Old School RuneScape players to share in-game collection logs</li><li>Scaled the system to support over 2,200 daily active users with low-latency data synchronization, robust caching, and secure handling of user data</li><li>Engaged with the community to triage bugs, implement feature requests, and release regular updates based on player feedback</li></ul>
<b>Personal Finance and Net Worth Tracker (<a href="#">Wuxby.com</a>)</b>
<ul style="list-style-type: none"><li>Technologies used: Vue.js + TypeScript (frontend), Quasar Framework (UI), Firebase Authentication, Firestore (real-time database)</li><li>Engineered and deployed a secure, real-time personal finance tracker enabling users to log assets, liabilities, and income with responsive dashboards</li><li>Leveraged Firebase Auth and Firestore to deliver low-latency updates and seamless cross-device synchronization</li><li>Designed an intuitive UI with Quasar components and implemented scalable data structures for long-term financial projections</li></ul>

### EDUCATION

<b>Bachelor of Science in Computer Science</b> , <i>University of Colorado Boulder</i>	<b>May 2021</b>
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