Andy Young

anyoung@live.com

Principal software engineer with 20 years of experience delivering secure, scalable applications serving billions of users. Strong background in technical leadership, full-stack development, embedded analytics, and software testing principles.

Experience

Salesforce | Principal Member of Technical Staff   *Jan 2021—Present*
- Tech lead for [Tableau MCP Server](#) and [Embedded Analytics](#).
- Shipped [Tableau Embedding API](#), [Embedding Playground](#), [Pulse](#), and [VizQL Data Service](#).

Microsoft | Senior Software Engineer   *2014—2021*
- Served 1B+ monthly active users by creating secure, reliable identity experiences for [Entra ID](#) and Microsoft Account.
- Built infrastructure supporting UX engineering teams: shared repositories, tooling, and CI/CD pipelines.
- Established coding standards and mentored engineers across Identity teams.
- Primary on-call engineer for Authn/Authz services; validated deployments and mitigated incidents 24/7.
- Domain expert for UI test automation.

Microsoft | Software Design Engineer in Test (SDET 2)   *2007—2014*
- Developed comprehensive test specifications covering manual, automated, performance, and security testing.
- Built MSA Toolkit and Pool of Accounts service, improving test efficiency across Microsoft teams.
- Contributed to Kahuna Automation Framework (KAF), Microsoft's internal UI test automation framework.

Education

- B.S. Honors Computational Mathematics, Washington State University, 2004.
- Microsoft Test Apprentice Program, Microsoft Corporation, 2007.

Skills

- TypeScript, JavaScript, Node.JS, Express, MCP, React, Redux, RTK Query, Debugging, Vite and Vitest, Playwright, Puppeteer, Cypress, Git, GitHub, Gitlab, PowerShell
- AI Tools: Cursor, Claude Desktop, ChatGPT (Apps), Building agents and MCP clients with OpenAI
- Also experienced with: C#, .NET, ASP.NET, SQL, Selenium WebDriver, Azure Portal, Azure DevOps

Interests

Open-source projects, trombone (former Seattle Sounders FC band member), PC gaming, astronomy, husband, father to a 10-year-old son.

Links

- https://anerdguy.now
- https://github.com/onsubmit
- https://www.linkedin.com/in/anerdguynow