

# 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

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### 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

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

## Skills

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- 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

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

## Links

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