

Sarah J. Sexton

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FULL STACK ENGINEER

11-year track record of Software Engineering at Microsoft; led 22 pre-sales technical engagements hands-on, accelerating cloud workloads in top 500 Microsoft Azure customers in Commercial & Retail industries, resulting in over 34% revenue and profit growth in clients. Authored 28 published docs at learn.microsoft.com. Presented at 70+ developer events and 24 conferences and expos, communicating complex concepts. Multiple-domain subject matter expert: Cloud, Console and Mobile Application Development, Web Programming, Spatial Computing, Developer Experience in video games, Data Science & Machine Learning.

AREAS OF EXPERTISE

- Cloud Acceleration • Engineering Fundamentals • Software Development • Documentation • Accessibility
- Testing & Coverage • Compliance • Troubleshooting & Debugging • Data Transparency • Automation
- Community Building • Public Speaking • Audience Engagement • Mentoring & Leading • Technical Training

SKILLS

- C# • .NET • TypeScript • Node.js • Java • Cloud technology • Azure DevOps • GitHub Actions • Docker
- Python • PyTorch • TensorFlow • Machine Learning • Data Science • Azure Machine Learning Studio • Identities
- Test-Driven Development (TDD) • Code coverage • Test harnesses and frameworks • Playwright • Selenium
- Continuous Integration/Continuous Deployment (CI/CD) • Cypress • JUnit • pytest • Markdown • Confluence • Jira
- React • Material UI • Bootstrap • HTML 5, CSS 3, JavaScript • Universal Design • ARIA best practices • UI/UX
- Agile methodologies • Customer Relationship Management (CRM) • MS Teams • Excel • PowerPoint • Word

EXPERIENCE

Senior Software Engineer - Turing Enterprise, Palo Alto, CA

August 2025–Present

Repository Validation & Large Language Model Evaluation

- Identify high-quality public GitHub repositories with issues that are challenging for Large Language Models.
- Triage and analyze GitHub issues across trending open-source libraries.
- Configure and set up code repositories, including Dockerization and environment setup.
- Evaluate unit test coverage and quality.
- Assess LLM performance in bug-fixing scenarios by modifying and running codebases locally.

Software Engineer II - Microsoft, Redmond, WA

July 2019–July 2025

Industry Software Engineering (ISE) - Retail

- Conduct Architecture Design Sessions (ADS) with top 500 Microsoft Azure customers to orchestrate systems architecture.
- First to use bleeding-edge technologies as they emerged: GenAI, ChatGPT, LLMs, RNNs, and more.
- 5+ years' training data pipelines, fine-tuning models, deploying LLMs at scale, architecting ML models end-to-end.
- Overcame interoperability obstacles between Python & C# by exposing C# functions as DLLs, then invoking via pythonnet.

Software Engineer I - Microsoft, Redmond, WA

July 2018–July 2019

Commercial Software Engineering (CSE) - Spatial Computing

- 34% revenue and profit growth in customers overall by accelerating cloud workloads.
- Led 22 pre-sales technical engagements hands-on with top 500 Microsoft Azure customers, in commercial & retail.
- Natural Language Processing (NLP), Azure Cognitive Services, Language Understanding Intelligent Services (LUIS), HoloLens 1 and 2, Windows Mixed Reality (WMR), Virtual Reality, front-lining cutting-edge technologies as they emerged.

Technical Evangelist - Microsoft, Chicago, IL

July 2014–July 2018

Developer Experience (DX) - Field

- Co-founded a non-profit organization called *The Voxel Collective* for gender diversity in video game development.
- Ran over 70 Azure and gaming evangelism events across Microsoft Developer Experience (DX) field.
- Created and delivered over 20 presentations at conferences from 2014 – 2020, with live technical demos.
- Advocated for over 24 professional studios around the world by escalating technical blockers with engineering.

EDUCATION

BS - Bachelor of Science - Computer Science | Communications Minor, summa cum laude **Sept 2009–June 2014**

Central Washington University - Ellensburg, WA

CERTIFICATIONS & AWARDS

- Microsoft Certified: Accessibility (2025), Privacy (2024), Security (2023), Azure Fundamentals (2019)
- Microsoft Specialist: Implementing Microsoft Azure Infrastructure Solutions (2015)
- **Circle of Excellence** - Continuously recognized for excellence across technical impact from 2015 - 2025.

Portfolio: SarahSays.dev | Open-Source: [github/SarahSexton](https://github.com/SarahSexton) | Thought Leadership: SheBuildsGames.dev | Tech Blog: aka.ms/SarahSays