

ADAM NOTT

Software Test Engineering | Automation | Creative Product Development

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[linkedin.com/in/adam-w-nott](https://www.linkedin.com/in/adam-w-nott) | Open to remote and Utah-based opportunities

PROFESSIONAL SUMMARY

Software Engineer in Test with experience in C# automation, SQL validation, technical troubleshooting, and customer-facing software support. Builds and improves software workflows and physical products through iterative testing and practical problem-solving. Independent projects include Story Stack, an AI-assisted full-stack audiobook app, reusable Codex skills, and Onshape-based product design with CNC fabrication and 3D printing.

TECHNICAL SKILLS

Software & Automation: C#, NUnit, WinAppDriver, FlaUIInspect, REST API testing, Postman, SQL Server, MySQL

Delivery & Collaboration: Azure DevOps, Jenkins, Git, Jira, Visual Studio, CI/CD, test planning, defect investigation, technical training

Design & Prototyping: Onshape, 3D printing, CNC router fabrication, Inventables Easel, design for assembly

AI & App Projects: AI-assisted development, custom Codex skills; Story Stack: TypeScript, React, Node.js, Express, SQLite, Vitest, Docker

PROFESSIONAL EXPERIENCE

Software Engineer in Test

Henry Schein One | American Fork, UT | 2021-Present

- Designed C# automated test suites that helped convert a two-week manual release-testing cycle into an eight-hour automated run.
- Maintain automation frameworks and investigate test failures, application defects, and integration issues to support reliable releases.
- Use SQL Server and MySQL to validate data integrity, billing workflows, patient records, migrations, and application behavior.
- Integrate automated regression tests into Azure DevOps and Jenkins CI/CD workflows to provide repeatable engineering feedback.
- Led the TFS-to-Jira migration; communicate release risks and testing progress, and mentor QA engineers on test design and troubleshooting.

Quality Assurance Engineer

Henry Schein One | American Fork, UT | 2018-2021

- Designed functional, integration, regression, and exploratory tests for healthcare practice-management software and customer workflows.
- Investigated database discrepancies and documented reproducible defects using SQL queries, logs, screenshots, and business-impact details.
- Worked with developers and product teams to validate fixes and align test coverage with requirements and user needs.

DESIGN & DEVELOPMENT PROJECTS

Booze Bucket | Independent Product Design & Prototyping

Onshape | Inventables Easel | CNC router | 14 prototypes over two years

- Designed and fabricated a rotating minibar that fits entirely inside a five-gallon bucket, holding rocks glasses and shot glasses for four people, two 750 mL bottles, and four 12 oz cans.
- Identified assembly alignment as a major bottleneck and designed mortise-and-tenon connections between adjacent pieces to simplify positioning and assembly.
- Designed CNC registration jigs to preserve cut alignment when repositioning parts for machining on both sides.
- Accommodated irregularly shaped bottles by orienting one upright and one inverted, resolving spatial conflicts inside the constrained enclosure.
- Increased glass capacity from three to four and refined the layout to use the bucket's tapered interior, allocating more space near the wider top.
- Modeled later prototypes in Onshape and fabricated components on a CNC router using toolpaths generated in Inventables Easel.

Story Stack | AI-Assisted Full-Stack App Development

Independent Project | TypeScript, React, Node.js, Express, SQLite, Vitest, Docker

- Built a self-hosted audiobook library with AI coding tools, combining a responsive React interface, Express API, and SQLite storage for user libraries, shelves, and playback progress.
- Implemented an installable web app with device-local audiobook downloads and queued synchronization of playback progress and library changes when connectivity returns.
- Added account sign-in and invite-based sharing; kept source audiobook files read-only while storing application data separately.
- Developed automated tests for API flows, catalog scanning, database behavior, and offline synchronization; included Docker deployment configuration and installation documentation.
- Create custom Codex skills and reusable workflows across additional independent app projects, refining instructions and behavior through iterative troubleshooting.

EARLIER EXPERIENCE

Subject Matter Expert | Henry Schein Practice Solutions | 2016-2018

Customer Support Representative | Henry Schein Practice Solutions | 2008-2016

- Supported dental software users with database, billing, backup, connectivity, and workflow issues; partnered with engineering to reproduce and validate customer-impacting defects.
- Created training materials and delivered technical instruction to 50+ team members.

CERTIFICATIONS

ISTQB Advanced Test Manager Certification

ISTQB Foundation Level Certification