Nick Evans

Senior Quality Engineer | Ann Arbor, Michigan

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PROFESSIONAL SUMMARY

ISTQB-certified Senior Quality Engineer with nearly 8 years in quality engineering. Automated React and Angular UI, API, integration, and mobile testing in object-oriented Java, C#, TypeScript, and Swift, and designed a containerized .NET API framework whose tests ran in a GitHub Actions pipeline. Led and mentored 4 QEs on an application used by 5M+ customers, and directed onshore, nearshore, and offshore QEs, reviewing their test cases and pull requests. Used GitHub Copilot Plugin on three client engagements as a force multiplier while writing and debugging automated test cases. Published a study of LLM-assisted failure triage against a deterministic baseline.

TECHNICAL SKILLS

Languages: Java, C#, TypeScript/JavaScript, Swift, SQL (MySQL, Oracle PL/SQL, SQL Server)

Automation: Playwright, Selenium WebDriver, XCUITest, REST Assured, RestSharp, Cucumber, Citrus, Reqnroll, Gherkin, TestNG, JUnit, NUnit, Page Object Model

Testing: UI, REST/SOAP API, mobile/iOS, integration, end-to-end, regression, smoke, functional, exploratory, cross-browser, unit testing, asynchronous messaging, data validation, defect triage, root-cause analysis

Platforms, CI/CD and Tools: GitHub Actions, Jenkins, Azure DevOps, Docker, Git, GitHub, Spring Boot, .NET, OpenShift, GCP, Maven, Jira, Postman, Swagger, GitHub Copilot Plugin, Claude Code, Codex, Cursor

PROFESSIONAL EXPERIENCE

NTT DATA | Senior Quality Engineer / Quality Engineering Consultant Oct 2018 – Sep 2026

Senior Quality Engineer | HCA – Outpatient Express Registration Apr 2025 – Jul 2026

- Chose the API test tooling and designed a .NET API automation framework in C# with Reqnroll BDD, RestSharp, shared API libraries, assertion utilities, and a Dockerfile, running its tests in a GitHub Actions pipeline on pull requests
- Directed offshore QEs in India, setting priorities and reviewing their test cases and pull requests
- Designed and automated UI and REST API test cases in C# for critical outpatient registration workflows
- Automated iPad UI tests with Swift and XCUITest, building reusable interaction and assertion methods

Senior Quality Engineer | Campbell's – Azure Private Network Migration Jan 2025 – Apr 2025

- Refactored and stabilized flaky TypeScript Playwright API tests and expanded automated coverage
- Ported C#-embedded database queries to MySQL to validate data returned by APIs
- Identified environment, configuration, and integration defects as microservices moved to private Azure networking, and worked with DevOps to clear migration blockers

Senior Quality Engineer | NTT DATA Bench Dec 2024 – Jan 2025

- Refactored the structure of an internal prototype Java Playwright framework meant as a template for new projects, separating context management, API libraries, and utilities

Lead Quality Engineer | SoCalGas – My Account Oct 2023 – Dec 2024

- Led and mentored 4 onshore and nearshore quality engineers in an Agile/Scrum environment, delivering manual testing and Java test automation for a cross-platform application serving 5M+ users
- Helped QEs get started with test automation, and coached them on test design and defect triage
- Refactored the Java test automation framework to read test data from JSON instead of Excel spreadsheets, making data changes visible in pull requests and reducing test failures
- Created and executed end-to-end test cases covering UI, REST/SOAP APIs, databases, and desktop and mobile browsers on physical phones and tablets
- Release quality gate for my team on production releases, with risk-based regression and defect triage
- Triaged UAT defects, supported go-live, and analyzed production issues and emergency fixes
- Reported UI and API test counts and automation coverage at each sprint review, and raised release risk
- Worked with product owners on requirement questions and acceptance criteria during refinements

Developer and Lead Quality Engineer | UPS – FTC System Integration Apr 2022 – Oct 2023

- Led manual and automation testing of integration between UPS systems and a vendor application
- Developed Spring Boot microservices exposing REST APIs, along with data-access components, Oracle PL/SQL stored procedures, and JUnit unit tests held to an 80% minimum coverage quality gate
- Built the aggregator in a Java service that consumed JSON flight-scheduling messages from ActiveMQ through Apache Camel routes, merging them under rules for timing and which messages to combine
- Diagnosed defects through root-cause analysis and implemented fixes across API and database layers
- Automated REST API and asynchronous messaging integration tests for JMS queues and publish/subscribe topics using Java and Citrus

Test Automation Engineer | UPS – Jumpseat and Crew Systems Nov 2018 – Apr 2022

- Automated UI, REST API, and AMQ/WMQ messaging workflows for jumpseat scheduling, crew messaging, and parameter-management services using Java, Selenium WebDriver, REST Assured, and Cucumber
- Designed and maintained end-to-end test coverage across distributed aviation systems, validating message ordering, service integrations, and application workflows

PERSONAL PROJECTS

- **AI vs Baseline Testing Study:** Measured LLM-assisted test failure triage against deterministic clustering on an application with 22 cataloged defects and 4 injectable flakes. Clustering scored 73.2% macro F1 at no cost, and adding Claude Opus 5 lowered it to 61.3% at $0.31 a run
- **Job Application Tracker:** A full-stack application (React, FastAPI, MariaDB), built with Anthropic Claude Code, that tracks job applications end to end, plus two Chrome extensions, self-hosted on a Debian machine on my local network with a nightly backup to Backblaze
- **Jira Command-Line Client:** A short Python program for Jira Cloud, with no dependencies, built with Anthropic Claude Code, that searches, creates, edits, transitions, and comments on issues from a shell without a paid Jira tier, with unit tests run in GitHub Actions
- **Job Search Workflow:** A manager agent built with Anthropic Claude Code that hands each step of a job application (fit review, résumé tailoring, cover letter, and finalizing) to a subagent running a skill I built, tracks every job’s progress, and shows what needs my attention on an auto-refreshing HTML board

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science | Eastern Michigan University, Ypsilanti, MI
ISTQB Certified Tester Foundation Level (CTFL) | ASTQB, September 2026