

Daniel Walsh

Senior SDET

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PROFESSIONAL SUMMARY

Senior SDET focused on end-to-end quality strategy, validation architecture, and AI-enabled engineering workflows for complex enterprise systems. Builds frameworks that shift testing left, transform multi-day manual validation into near-instant feedback, and surface cross-team data and integration risks before they become weeks of rework. Combines hands-on execution across Salesforce, Snowflake, SQL, TypeScript, and observability tooling with organization-wide AI enablement through training, experimentation, and workflow design.

TECHNICAL SKILLS

Quality Engineering: Test automation, validation engineering, shift-left testing, migration quality strategy, root-cause analysis

Platforms & Systems: Salesforce, Snowflake, Boomi, Grafana, Jira, Confluence

Languages & Tooling: SQL, TypeScript, Node.js, YAML, Git, Salesforce CLI

Automation & Testing: Playwright, Cypress, Selenium, Postman, CI/CD pipelines

AI & Enablement: Agentic workflow design, AI-enabled testing, Claude Code, Codex, Cursor, MCP, skills architecture, multi-agent orchestration, team training

PROFESSIONAL EXPERIENCE

Senior SDET

CHG Healthcare | Jul 2025 – Jul 2026 | Remote

- Led end-to-end quality strategy for a large-scale Salesforce data migration spanning 8+ teams, mapping validation ownership, handoff risks, and readiness gaps across upstream requirements, transformation logic, integration mappings, and downstream system behavior.
- Built and operationalized a migration validation framework adopted as part of team workflow, transforming manual validation that previously took multiple days into near-instant, preformatted feedback for faster decision-making.
- Shifted validation left by creating analysis and readiness tooling that could be run before active development or migration execution, surfacing schema, mapping, and data-quality issues early and preventing weeks of downstream rework.
- Created specialized technical tooling to improve traceability and validation of migration artifacts and integration logic, including utilities that converted opaque Boomi XML into readable, code-friendly components that could be inspected and edited outside the native UI.
- Spearheaded agentic AI adoption across engineering through workflow design, experimentation initiatives, and training sessions attended by several dozen engineers; as a QA Community of Practice lead, helped teams apply AI to validation, testing, and technical analysis.

Senior QA Engineer

1-800 Contacts | Jun 2024 – Jul 2025 | Remote

- Led strategic QA planning, automation framework design, and risk-based testing methodologies across cross-functional teams supporting a major e-commerce platform.
- Applied AI-enabled workflows to monitoring, documentation, and test design, developing custom tooling that improved productivity and expanded engineering leverage.
- Modernized legacy CI/CD processes through YAML-based pipeline work and helped drive a 95% year-over-year reduction in financially impactful production bugs through stronger coverage and proactive defect prevention.

Quality Assurance Analyst II

1-800 Contacts | Nov 2021 – Jun 2024 | Remote

- Expanded test automation across web and mobile platforms, increasing regression efficiency and reducing manual testing overhead.
- Mentored junior analysts and contributed to more consistent, reliable QA practices across the organization.

Quality Assurance Analyst

1-800 Contacts | Jan 2019 – Nov 2021 | Hybrid

- Performed manual and automated testing for customer-facing software releases, improving defect detection and release confidence.
- Partnered closely with developers and product teams to investigate complex issues, document findings, and accelerate resolution.

Product Manager Intern

1-800 Contacts | Mar 2020 – May 2020 | Draper, UT

- Supported backlog prioritization, user research, roadmap planning, and feature documentation in a cross-functional product environment.

EDUCATION

OpenClassrooms | Full Stack Web Development | 2018

Brigham Young University Idaho | Business Administration / Supply Chain Management | 2008 – 2014