

JOSIAH AUBIN

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SENIOR SOFTWARE DEVELOPMENT ENGINEER IN TEST

Senior SDET with 6+ years building test automation frameworks in Playwright and TypeScript, integrated into CI/CD pipelines to cut manual release overhead. Experienced across the full testing spectrum: manual regression and exploratory testing, API testing (REST and GraphQL) with Postman, and end-to-end automation. Owned test strategy for two major authentication system migrations at BILL with zero downtime or security issues. Now looking to bring that same combination of automation depth and team mentorship to a Senior SDET role on a growing product.

CORE COMPETENCIES

Automation & Performance: Playwright, Selenium, JMeter, API Testing (REST, GraphQL), AI-Assisted Test Generation

Languages & Runtimes: TypeScript, JavaScript, Elixir, Node.js, C#, Python, SQL

Test Strategy & Architecture: Shift-Left Testing, Risk-Based Testing, Test Architecture, BDD (Cucumber/Gherkin), Page Object Model, Exploratory Manual Testing

DevOps & Cloud: GitLab CI (CI/CD Pipelines), Docker, Git, AWS, Azure Fundamentals

Test Management & Tooling: Datadog, Postman, Jira, TestRail, Confluence

Leadership & Collaboration: Technical Mentorship, Code Review, Agile/Scrum (CSM / CSPO)

PROFESSIONAL EXPERIENCE

BILL | Public B2B Fintech | ~2,100 employees | \$1.4B+ ARR | Remote | **Mar 2022 – Jun 2026**

Senior SDET (promoted from SDET II) | Mar 2025 – Jun 2026

SDET II | Mar 2022 – Mar 2025

- Designed test strategy from scratch for a company-wide authentication unification (One Login), then carried that strategy through the subsequent live migration to a new identity provider (ForgeRock/PingIdentity), with zero security issues or downtime across both.
- Authored and maintained a suite of 150-200 Playwright tests across web and mobile for authentication, MFA, and risk-based verification flows, using AI tools (Claude, Copilot) to speed up test generation and debugging, and building test plans and coverage where none existed.
- Performed manual regression and exploratory testing across web and mobile authentication flows, plus GraphQL API testing with Postman for a public-facing API endpoint, catching edge cases automated coverage didn't yet reach.
- Migrated 100+ authentication and user tests from Selenium to Playwright, redesigning auth/cookie storage handling and finishing 2 months ahead of schedule with no CI/CD disruption.
- Built a Datadog dashboard giving the team daily visibility into pass rates, flaky tests, and top failures across the full test suite, replacing ad hoc status checks with a shared source of truth.
- Identified, reproduced, and documented defects in JIRA for authentication flows, cutting down engineering resolution time with clear repro steps.
- Reviewed and approved QA code merges for a 30-engineer org, enforcing test design standards across and outside the QA team.
- Mentored 2 junior SDETs with no automation background to independent CI/CD contribution within 2 months.

In Time Tec | Private IT Services & Consulting | ~1,100 global employees | Meridian, ID | **Nov 2019 – Mar 2022**

Software Engineer (QA / SDET)

- Replaced ad hoc bug-finding with a structured QA process across client dev teams and an offshore team, aligning testing with release timelines.
- Trained 30+ developers and business managers on Agile/Scrum practices, increasing delivery speed and requirement clarity.
- Ran load and performance testing with JMeter for a new client mobile app to validate behavior under peak traffic.
- Validated REST APIs with Postman for request/response accuracy, status codes, and error handling.

EDUCATION & CERTIFICATIONS

B.B.A. Information Technology Management – Boise State University, Boise, ID | COBE ITM Signature Student | Beta Gamma Sigma, Phi Kappa Phi & Phi Theta Kappa Honor Societies

CodeWorks Certificate – Full-Stack Immersive Program | AWS Certified Cloud Practitioner | Microsoft Certified: Azure Fundamentals | Certified Scrum Product Owner | Certified Scrum Master | Certified Tester Foundation Level