

SUMMARY

Software Engineer with extensive experience in leading quality assurance initiatives with scalability in mind. Experienced in improving testing procedures, enhancing automation frameworks, and ensuring compliance in regulated environments with strong focus on team collaboration.

PROFESSIONAL EXPERIENCE

Senior Automation Engineer

U.S. Bank | 2022 - 2024

- Reduced feature delivery time by 20% and increased product reliability by 15% through enhanced testing with Cypress, TypeScript, and TestRail, while documenting standards that optimized team workflows.

Technical Consultant & Project Advisor

Pain Management | 2022 - Present

- Accelerated team productivity by establishing the tech org's repository, documentation, Jira workflows, hiring, deployment, and QA processes, reducing friction with tools like Jira, TestFlight, and GitHub.

Software Development Engineer in Test (SDET)

PeerStreet | 2019 - 2022

- Increased team capacity by resolving client-facing bugs as relief engineer and boosted QA consistency by 30% with Cypress, Ruby, and CI/CD enhancements as well as regular pair programming.

Java Automation Engineer

Auticon | 2018 - 2019

- Improved bug detection rates and reduced testing cycles using JAVA, Selenium, and Jira, enhancing team precision and collaboration with Gherkin style documentation.

Web Development & Design Consultant

Freelance | 2014 - 2018

- Grew client traffic and user engagement with custom HTML/CSS, JavaScript, and Shopify solutions tailored to diverse industries, along with implementing effective social media promotional strategies and inventory management.

EDUCATION

Bottega tech

MERN stack with Python

- Focusing on front-end technologies
- 2018 - 2019

Santa Monica College

Computer Science

- Minor in Business and German language
- 2015 - 2016

SKILLS

- Leadership & Team Collaboration
- Project Management
- Agile Methodologies
- QA and Testing Strategies
- Regulatory Compliance
- CI/CD Pipeline Management
- Full-Stack Testing
- Documentation Best Practices

OPEN SOURCE

QA-SHADOW-REPORT

- github.com/petermsouzajr/qa-shadow-report

Leveraging Javascript and JSDoc in a procedural style, it sends automation test results to Google Sheets via API.

WICK-A11Y

- github.com/sclavijosuero/wick-a11y
- A Cypress plugin designed for performing configurable accessibility tests, using Javascript, JSDoc and HTML reports.

DECIBELTRIBE.COM

- github.com/petermsouzajr/decibeltribe
- A web-based social app focusing on events and musicians. Built with React, Typescript, Nextjs, tested with Vitest and Cypress

AWARDS & RECOGNITION

Cypress Ambassadorship

Appointed for expertise and contributions to the Cypress testing community.

Equinox Service Award

Received 6 consecutive months for outstanding club dedication and member support.

Auticon Recognition Award

Recognized for exceptional quality assurance and discovery of critical client bugs.