

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

- Predominantly focused on elevating testing procedures and quality assurance processes, using Cypress, JavaScript, GitHub, CI/CD, TestRail, and Confluence.
- Led test script creation, standardization, and maintenance.
- Established documentation best practices, embedding quality at every project lifecycle phase.

Technical Consultant & Project Advisor

Pain Management | 2022 - Present

- Oversaw the strategic direction of technical projects, especially in mobile application development, utilizing Jira, Google Sheets/Docs, TestFlight, Confluence, Slack, GitHub, and TestRail.
- Selected technologies aligning with business goals and user needs based on project requirements, providing crucial feedback in the decision-making process.

Software Development Engineer in Test (SDET)

PeerStreet | 2019 - 2022

- Led quality assurance initiatives and bug resolutions through enhancements in end-to-end testing coverage and CI/CD reporting mechanisms.
- Resolved client facing issues in production environments using Cypress, JavaScript, Ruby, RSpec, and Vue.

Java Automation Engineer

Auticon | 2018 - 2019

- Specialized in automated testing using JAVA, Selenium, Maven, TestNG, REST, along with GitLab, Jenkins, and Jira for CI/CD and issue tracking.
- Contributed to a diverse team environment by facilitating brainstorming sessions that enhanced project clarity and team unity, delivering precise requirements and improving detail in bug reports.

Web Development & Design Consultant

Freelance | 2014 - 2018

- Completed development and design projects for various clientele, including jewelry designers, beauty professionals, and fitness experts, using HTML/CSS, JavaScript, WordPress, Photoshop, and Shopify.
- Engineered custom web solutions and branding strategies, enhancing client market presence and user engagement.

SKILLS

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

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.

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

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

THS Meat Processing

Animal Anatomy/ Food Preservation

- Focusing on sanitation and quality control

2003 - 2005

ASE Master Certification

Automotive mechanics

- Focusing on gasoline engine rebuilds

2001- 2002