ALIREZA BEHROUZI SHAD

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Professional Summary

Senior Software Engineer with over 15 years of combined full-stack experience in back-end and front-end development, with a focus on automation framework design and quality engineering SDET leadership. Skilled in building and scaling automation frameworks (Playwright, TestCafe, Selenium WebDriver) using Java, JavaScript/TypeScript, and related technologies. Recognized for strong analytical, organizational, and problem-solving skills to support engineering and business objectives.

Technical Skills

Programming Languages: Java, JavaScript/TypeScript, Python, C++, Ruby, Groovy
Frameworks: Playwright, TestCafe, Selenium WebDriver, JUnit/TestNG, SOAPUI, JMeter
IDEs & Tools: IntelliJ, VS Code, Eclipse, GitHub/BitBucket, Maven, CI/CD, Jenkins, pkl, SQL, JSON, XML, Jira, postman, mobile testing frameworks and tools such as Appium
Operating Systems: macOS, Windows, UNIX/Linux

Experience

Senior Software Engineer | **Apple Inc.** | Cupertino, CA | Sep. 2021 – Nov. 2025

Projects:
- Ads Platform Audit & Compliance - Spearheaded quality engineering for Ads Platform's Audit & Compliance initiative, mentoring QA engineers and setting automation standards.
- Internal Tools ACT - Developed Playwright automation frameworks for validating ACT Platform functionality..

Responsibilities:
- Building / maintaining automation frameworks like Playwright, Cucumber/Selenium.
- Writing test scripts in TypeScript and Java for UI & API validations.
- Developing / maintaining API automation scripts for DB validations, along with manual DB validations.
- CI/CD Rio setup using .pkl.
- Collaborating in an Agile/Scrum environment.
- Supporting release activities and defect analyses.

Achievements:
- Improved stability.

Senior Software Engineer | **McKesson** | San Francisco, CA | Apr. 2020 – Sep. 2021

Projects:
- Application for pharmaceutical and medical supply distribution, healthcare technology solutions, and support for health systems. Streamlining the supply chain, enhance visibility, and improve access to critical medical products and technologies for healthcare providers.

Responsibilities:
- Implementing BE/FE automation scripts using Java/Cucumber/Selenium.
- Developing REST API automation using Java and SOAP-UI with DB validations.
- Supporting release activities and defect analysis in Agile/Scrum workflows.

Achievements:
• Recognized by management for delivering high-quality automation frameworks that improved release readiness and reduced post-release defects.
• Collaborated with cross-functional teams to identify and resolve critical production issues, improving system uptime and customer satisfaction.

Senior Software Engineer (Full Stack) | **Macy's.com** | San Francisco, CA | Nov. 2015 – Mar. 2020

Projects:
• Web application platform - A major eCommerce platform offering a wide array of products spanning fashion, home, and beauty products.

Responsibilities:
• Leading a team of six automation developers to establish best practices for automation.
• Developing BE/FE automation in Java, Ruby, and Cucumber/Selenium.
• Maintaining chain validation methodology within the automation framework.
• Developing automation using Groovy/Java scripts within SOAP-UI.

Achievements:
• Mentored junior QA engineers on automation best practices, improving overall team capability and testing standards.

Software Engineer SDET | **Walmart.com** | San Francisco Bay Area, CA | Feb. 2014 – Nov. 2015

Projects:
• eVoucher & ePay - eCommerce web application providing digitally generated voucher & payment system to customers.
• TaxWare - web application handling taxes applied to product sales.

Responsibilities:
• Leading QA efforts for multiple releases ('eVoucher,' 'ePay,' 'TaxWare').
• Designing and executing test automation scenarios for BE performance/load tests.
• Automating test scripts with SOAP-UI, Groovy, Java, and Selenium WebDriver.
• Building / maintaining SQL validation within automation scripts.
• Executing regressions & defect tracking in Agile/Scrum environment.

Achievements:
• Increased API validation coverage by ~60%, improving system reliability and catching defects earlier in the development cycle.

Education

California State University, Northridge
• M.S., Software Engineering
• M.B.A., Business Administration
• B.S., Computer Science
• Gold Medallion Award for Exceptional Academic Achievements
• Published algorithm: Applications of Steganography/Cryptography