Avery Jacobson

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Seeking an opportunity as a Full Stack Developer or Software Development Engineer in Test.

Professional Summary

Full Stack Developer & SDET with over 10 years of expertise in software development and quality assurance. Extensive experience in creating and executing comprehensive test suites, CI/CD pipelines, and agile processes to deliver high-quality software solutions. Proficient in Java, Selenium, and BDD frameworks, along with a wide array of programming languages. Known for strong problem-solving skills, strategic thinking, and effective cross-team collaboration, resulting in optimized development workflows and scalable systems.

Education

Coding Boot Camp Certification
University of Minnesota, Minneapolis, MN

Associate of Applied Science in Computer Science
Associates in Applied Science in Foundations of Engineering
GPA: 3.5
  Normandale College – Bloomington, MN
- Tutored Math, Physics, Computer Science
- Math club president
- SQL Certification

Associate of Computer Software Technology
ITT Technical Institute, Eden Prairie, MN

High School Diploma
  Edina High School – Edina, MN

Core Competencies

- **Languages**: Java, Python, JavaScript, SQL, C, C++

- **Testing & Automation**: Selenium, Cucumber, Appium, TestComplete

- **CI/CD & DevOps**: Jenkins, Maven, Bamboo, Git, Docker

- **Tools & Platforms**: JIRA, TestRail, GitHub, VirtualBox, RS-232

- **Methodologies**: Agile, SDLC, BDD, TDD

Senior Software Engineer
Wells Fargo, Minneapolis, MN
August 2021 – April 2024

- Developed and executed integration and regression testing scripts using Java, Selenium, and BDD (Cucumber) for Wells Fargo's brokerage platform.
- Built CI/CD pipelines with Jenkins and Maven, reducing manual testing time by 30%.
- Collaborated with cross-functional teams to troubleshoot defects, enhancing application stability.

Software Test Engineer
Wells Fargo, Minneapolis, MN
March 2020 – August 2021

- Created BDD automation scripts in Java and Selenium for the CORE mortgage tool.
- Conducted end-to-end testing with continuous integration to validate loan processing accuracy.
- Executed test cases using Application Lifecycle Management tools, helping identify critical bugs in product pricing.

Senior Software Technician
Stratasys, Eden Prairie, MN
September 2017 – December 2019

- Led the setup and integration of TestRail and JIRA for test case and automation management.
- Automated test cases for industrial 3D printers using JavaScript and Python, increasing testing efficiency by 40%.
- Trained interns and new hires in automation tools and test case writing, receiving a company Spark Award for exemplary performance.

Software Technician
Rockwell Collins, Cedar Rapids, IA
January 2017 – August 2017

- Designed and tested critical flight systems for the aviation industry in an Agile environment.
- Developed automation scripts in Python and set up CI pipelines in Bamboo to automate testing workflows.
- Supported systems engineers with bus development and testing for proprietary aviation software.

Software Quality Assurance Technician
Carestream, Oakdale, MN
May 2015 – November 2015

- Tested radiology printers, adhering to FDA regulations for quality control.
- Set up servers for printer interface and conducted verification testing, ensuring imaging systems met quality standards.

Software Test Engineer

Xirgo Technologies Inc, Edina, MN
September 2014 – March 2015

- Developed regression test scripts in C, utilizing Windows libraries for serial connection setup and data parsing.
- Created test cases based on device manuals and generated HTML reports with timestamps for each test case.
- Conducted positive and negative test case analysis, ensuring robust test coverage and accurate device functionality.