

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*  
*6/16/2024-12/12/2024*

#### Associate of Applied Science in Computer Science

##### Associates in Applied Science in Foundations of Engineering

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, React, Typescript, C, C++
- **Database Technologies:** SQL, MongoDB, PostgreSQL, GraphQL
- **Testing & Automation:** Selenium, Cucumber, Appium, TestComplete
- **CI/CD & DevOps:** Jenkins, Maven, Bamboo, Git, Docker, Cypress
- **Tools & Platforms:** JIRA, TestRail, GitHub
- **Methodologies:** Agile, SDLC, BDD, TDD
- **Cloud Technologies:** Azure

## PROFESSIONAL EXPERIENCE

### **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.