

# Shiva Srinivasan

Sr QA Engineer

Methodical Senior QA Engineer, mentor and author experienced in software development processes and optimal testing strategies. Helps teams produce exceptional products by offering in-depth quality assurance support. Open and clear communicator with good multitasking skills, organized nature and strong attention to detail. Expert Cypress and Selenium user.

## Work History

2021-01 - Current	<b>Principal Quality Assurance Engineer</b> <i>CrowdStreet, Portland, OR</i> <ul style="list-style-type: none"><li>Reduced regression execution runtime by 40 minutes by integrating tests with Cypress dashboard to aid smart parallelization and orchestration</li><li>Work closely with Engineering leaders and architects to develop testing strategies for greenfield features.</li><li>Document coding standards for automation framework</li><li>Mentor QA engineers on automation techniques and testing procedures</li><li>Establish performance testing suite from ground up and set up CI/CD process for it</li><li>Increase test coverage to over 90%</li><li>Constantly monitor testing suite to identify and address test flakiness</li><li>Produced and maintained technical documentation for project reference</li></ul>
2020-01 - 2020-12	<b>Senior Quality Assurance Engineer</b> <i>CrowdStreet, Portland, OR</i> <ul style="list-style-type: none"><li>Replaced existing codeless automation with new Cypress based CI/CD framework which reduces test execution time from 5hrs to 35 minutes and save over \$2500 annually</li><li>Mentored engineering team on writing scalable and maintainable tests</li></ul>

## Contact

**Address**  
Beaverton, OR, 97008

**Phone**  
720-233-2416

**E-mail**  
sivkumar.s@gmail.com

**LinkedIn**  
[www.linkedin.com/in/sivkumars](https://www.linkedin.com/in/sivkumars)

## Technical Skills

Jira	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
C#	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
SQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
Selenium	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
Cypress	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Git	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
Team City	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

- Increased technical documentation to improve onboarding efficiency
- Proposed development and testing improvements to positively impact usability, function and performance and aid early feedback.
- Assessed current process and propose path for continuous improvement that align with organization's goals

2015-06 -  
2019-12

## Sr QA Engineer

*Navex Global Inc, Portland, OR*

- Designed and implemented selenium based automation framework
- Instilled culture of Quality in organization
- Introduced process improvements that aided early feedback from customers
- Mentored new QA engineers and provide support
- Was subject matter expert for all identity and access management related queries

2009-01 -  
2013-01

## Application Developer/Conversion Lead

*CenturyLink, Vancouver, WA*

- Built performance optimization solutions reducing operation costs by over 50% with \$120K annual savings
- Designed real time reporting tools to track conversion timelines and accuracy
- Spearheaded multiple development projects post conversion driving continuous improvement to processes, systems, work flow and customer responsiveness

2005-01 -  
2009-01

## Application Developer

*Qwest, Denver, CO*

- Recruited to develop and maintain mission critical application
- Responsible to deliver solutions that meet business objectives ensuring adherence to change management processes Key contributions
- Implemented process improvements and designed automated solutions increasing service levels and stability

Very Good

Jenkins

●●●●●  
Very Good

AWS

●●●●●  
Very Good

Javascript

●●●●●  
Very Good

Node.js

●●●●●  
Good

React

●●●●●  
Average

## Expertise

Domain Knowledge

●●●●●  
Excellent

Strategic planning

●●●●●  
Excellent

CI/CD Implementation

●●●●●  
Excellent

Automation knowledge

●●●●●  
Excellent

Training and mentoring

●●●●●  
Very Good

Team Leadership

●●●●●  
Very Good

- Provided CPU reduction solutions on multiple legacy applications saving over \$500k annually
- Reduced application downtime by optimizing cycle times on nightly batch activities

## Education

---

2000-01 - **Bachelor Degree: Electronics and Communication Engineering**  
2004-01

*Barathiyar University - Coimbatore, India*

## Accomplishments

---

- Setup functional automation and performance frameworks from the ground up in multiple organizations
- Significantly decrease regression suite execution times to aid faster feedback and releases
- Performance optimization that resulted in savings of over \$500k annually