

JAVAS SHANKAR

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SOFTWARE ENGINEER

SOFTWARE DEVELOPMENT, QUALITY ASSURANCE, AND WEB APPLICATIONS; FOCUSED ON SOLID PROGRAMMING & BEST-PRACTICES.

Software professional proficient in developing and testing web-based applications. Skilled in software engineering and testing; organized with a good attention to detail, hitting goals in a timely way. Good technical communicator and system designer.

Development and Testing Support | UI Toolkits and Frameworks | Source Code and Version Repository | Web API | Design Reviews

- **Software Development:** Wrote and debugged software for client and web applications. Tested software through manual and automated test case execution.
- **System Requirements:** Ensured that software met expected standards of quality and functionality. Created metrics to spotlight emergent issues in production. Implemented automated tests to regression test those issues after fixes were made.
- **Non-technical Skills:** Enthusiastic learner and team member. Technology-driven with good analytical and people skills – able to discuss software systems at both abstract non-technical and detailed technical levels.

TECHNICAL SKILLS

Languages: Python, TypeScript, Scala □ IDEs: Visual Studio, IntelliJ □ Databases: SQL, MSSQL, PostgreSQL □ Testing: Protractor,

Selenium, Insomnia, Postman □ Development: Git □ Data Analysis/Presentation: Pandas, Matplotlib

PROFESSIONAL OVERVIEW

Senior Software Engineer | Gemini | New York, NY

January 2019 – October 2025

Developed automated UI/API tests for company's web crypto exchange, as well as executed manual test plans. Later moved on to helping developing front-and-back-end components of that exchange.

- ✓ Maintained and contributed to automated tests that ran regularly against dev environments, ensuring that issues were caught before they made it to prod.
- ✓ Developed components that helped to keep customers' crypto transactions secure.

Software Quality Engineer I | Blackbaud Inc. | New York, NY

December 2015 - September 2018

Developed automated UI/API tests against company's Grantmaking products. Completed functional, regression, and smoke tests against products. Analyzed customer usage of products for future software development.

- ✓ Wrote SQL queries to retrieve client data and Python scripts to analyze client data for usage trends. Drew conclusions from script output and collaborated with UX designers/product managers for design review.
 - Results used to determine priority of user stories, define acceptance criteria, and help define future user stories.
- ✓ Implemented tests for Grantmaking API and designed API tests in JavaScript, using Frisby.js (*REST API testing*).
 - API tests later adopted by team working on Grantmaking API.

QA Software Engineer | High 5 Games | New York, NY

August 2013 - July 2015

Managed codebase for running automated tests against company's online casino and gambling games. Manually verified weekly releases. Worked with DevOps tools team to integrate automated tests with deployment process and ensured QA standards system-wide.

- ✓ Implemented Cucumber support in automated test codebase. Broke test code down into generic, parameterized steps, and rewrote existing tests to match steps with processes.
 - Cucumber scripts aided in testing specific scenarios..
- ✓ Set up continuously running automated UI tests against external sites hosting company games. Wrote tests in Java, utilized Sikuli/Selenium to interact with UI.
 - Set up processes to run tests in parallel on VMs, send out e-mails in case of significant failures that indicated issues with the games themselves.

Software Development Engineer in Test | Comcast Corp. | Center City, PA

June 2012 - August 2013

BlackBerry Developer | RSG Media Systems | New York, NY

February 2012 - May 2012

Web Development Intern | RevSystems Inc. | South Plainfield, NJ

September 2011 - December 2011

Technology Intern | McGraw-Hill Inc. | Hightstown, NJ

June 2011 - August 2011

EDUCATION

Bachelor of Science (BS), Computer Science | The College of New Jersey | Ewing Township, NJ