Soumya Prasad

Experienced test engineer

Summary

I am an engineer, with several years of experience within various areas of product testing. I enjoy automating tests, and in the process, refine the product and its value, always, with the end user in focus. Continuously collaborating with developers, product owners, account managers and testers - to best align with the use-case, while at the same time maintaining a high code coverage , are my strengths.

I have been working as a test developer at Cinnober Financial Technology since September 2017. I work in a project for Johannesburg Stock Exchange. In my day job, I write functional tests for newly added features and bug fixes in a JUnit - based framework. I also work with CI: deployment, monitoring and troubleshooting.

Business point of view, I am familiar with post trade solutions and trading platforms in general(With hands-on knowledge of clearing technology for stock exchanges). I have also briefly worked with IoT sensor networks and for several years in industrial automation.

I am looking for testing roles involving API/Backend testing of Java based services or products. I am easy to work with, a keen learner, very communicative and thrive working in a team. Recently, I am reading up about cloud technologies/BigData/ML and find them exciting. I can communicate in English and Swedish.

Experience

Sep, '17 - current   **Test Developer**, CINNOBER(PART OF NASDAQ), Stockholm.
- Writing functional tests for REST APIs
- Collaborate with developers in the team, for bug fixes or tasks to be automated for the current release and/or patch delivery
- Have the tests integrated to CI pipeline/s for various work flows, as soon as possible.
- Daily monitoring of CI builds for breakages, flaky tests.
- Troubleshooting, debugging of CI bottlenecks and failures from the build log files
- Writing scripts to enable quick retrieval of data from CI builds- for generating client reports
- Update, track backlog on JIRA.
- Act as scrum master for testing sprints
- Drive well documented code, commits, tests and requirements
- Drive consistent good performance on code quality jobs on CI
- JavaSE8, Eclipse, JUnit4, SmartGit, Python3, Confluence, JIRA, SonarCube

May '17 - July '17   **Intern**, YANZI, Stockholm.
- Testing of a websocket based REST API with Mocha/Chai libraries
- Documenting the API using LaTeX, in a unix environment.
- JavaScript
- Mocha/Chai/BDD
- REST API/websockets
- LaTeX

Apr,12 - May,13   **Associate lead**, SCHNEIDER ELECTRIC, Bangalore.
- Worked closely with development teams and different stakeholders in an agile environment (daily standup, sprints, retrospectives, continuous integration).
- Worked on improving test automation with TestComplete.
- Created development tasks from user stories.
- Used project management tools such as Assembla, TestComplete 9.0, Git (on Windows), Beyond Compare at various stages of test automation life cycle.
- Worked closely with various teams during user acceptance and release.

Dec,05 - Mar,12   **Senior engineer**, HONEYWELL, Bangalore.
- Define test plans and test specifications for integration, functional and performance testing, execution of test cases.
- Performance benchmarking using perfmon of an SQL server based application. This included test bed setup, designing test data, and deriving non functional requirements.
- Continuously worked to evolve new strategies for test automation.
- Implemented hardware virtualization using VMWare.
- Root cause analysis and continuous process improvement(Kaizen).
- Set up the processes required to promote the overall quality of the product.

Nov,03 - Nov,05   **Project engineer**, GE INDIA, Bangalore.

- Study the design and technical specifications received from customer and understand the process requirements and deliverables.
- Develop the main PLC logic using the Ladder language and VB scripting.
- Participate in customer interactions, project reviews and software inspection.

Education

Feb, '17 - June '17'   **Trainee**, LEXICON IT KONSULT, Stockholm.

- JavaSE8
- JavaEE fundamentals
- Spring/Hibernate fundamentals
- Maven fundamentals
- JUnit
- SQL fundamentals
- HTML5/CSS/JavaScript
- Eclipse IDE on Linux/Windows

1999–2003   **Bachelor of engineering**, VTU, Bangalore.

Specialized in instrumentation technology with consistently good academic record

Awards

2009   Bravo-Gold:Process Excellence, Honeywell

2007   ACS Special Award, Honeywell

2006   Team excellence award, Honeywell