PALASH SANJAY JAIN

palash.jain@mail.rit.edu | https://www.palashsjain.github.io | +15853097843

Software Engineer, with proficiency in Java, JavaScript and related frameworks/libraries, seeking technical internship for the Summer of 2018. With extensive experience in a startup, I am a Full Stack Software Engineer.

EDUCATION

M.S. in Software Engineering Rochester Institute of Technology**.** GPA 3.67   Dec 2018
B. Tech in Information Technology DAIICT, India   May 2012

TECHNICAL SKILLS

Java, JavaScript, Python, Django, HTML, CSS, Android, JUnit, MSSql, MySQL, Oracle, H2, SQLite, Postgres, Git, Subversion, UML, AspectJ, Docker, Bootstrap, JQuery, Spring, Web Services, REST, XML, JSON, Ajax, TypeScript, Angular5, Design Patterns, Jenkins, Ant, Sahi Pro, Sahi Open Source, SoapUI, Groovy, JIRA, BitBucket, Confluence, Linux, Agile, Scrum, CICD, Data Structures and Algorithms, OWASP Dependency Check, FindBugs, EasyUI, Shell Scripting, Tableau, VMWare

EXPERIENCE

Software Engineer, Intern   **GetInsured, Mountain View**   May – Dec 2017
Technologies: Java, XML, JSON, Postgres, HTML, CSS, JavaScript, Jenkins, Sahi Pro, SoapUI

- **Data Masking of PII (Live Project).** Worked on masking of personally identifiable information, while maintaining data originality and compatibility, when transferring production data to local QA environment.
- **Automation Framework.** Developed complete framework and project plan for automating 4 web projects (Idaho, California, Connecticut, Washington web portals).

Research Assistant   **Rochester Institute of Technology**   Oct 2016 – Apr 2017
Technologies: Java, JavaScript, Swing, Node.js, AngularJS, Jenkins, OWASP Dependency Check, FindBugs.

- **Static and Dynamic Analysis Integration Framework.** Developed framework and tool to integrate and run static and dynamic code analysis tools on a given set of projects. Current and past reports could be seen on a central server accessible to stakeholders.

Software Engineer   **Tyto Software, Bangalore**   Oct 2013 – Jun 2017
Technologies: Java, JavaScript, HTML, CSS, JQuery, Ajax, EasyUI, H2, Jenkins, Ant, Selenium, Shell scripting.

- **Online Script Editor.** Developed web based editor for creating, editing and executing Sahi scripts.
- **Status Notification System.** Added push based notification system to track script execution status. Notification could be seen in command line, Jenkins and/or Web Editor on all browsers and operating systems.
- **Sahi OS v5.** Upgraded Sahi OS to version 5 with selected features from Sahi Pro. Added security fixes newer browser versions.
- **Selenium Integration.** Integrated execution of Selenium scripts from Sahi.

PROJECTS

External Factors Influencing Evolutions in Android Applications. *Technologies*: Java, Android, GitHub APIs, Distributed execution, Tableau, H2, OWASP Dependency Check
Analyzed over 75 repositories comprising of 1000+ GitHub 'releases' to find (1) how new versions of Android SDKs, (2) usage of 3rd party libraries and (3) security vulnerabilities influence evolutions in Android applications.

Aspect Oriented Library for JavaScript. *Technologies*: JavaScript, AspectJ
Developed a JavaScript library to ease implementation of AspectJ advices like before, after, around, pointcuts on JavaScript functions.

Tool Sharing Online Portal. *Technologies*: Python, Django, HTML, CSS, SQLite, Bootstrap
Developed online portal for sharing, tracking and managing commonly used mechanical tools in a local community. Users would upload their tool's information for other users to view. Administrators could manage users, user community and tools in the entire community.

Vocab for GRE Android Application. *Technologies*: Java, Android, XML, SQLite
Android based application to help prepare vocabulary for GRE and other competitive exams.