
SURBHI RAUTJI

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SUMMARY

4 years of experience in software engineering with expertise in Quality Assurance for web and mobile apps. Holds Master of Science in Software Engineering. Hands on experience with Java, Test Automation, Selenium, Appium, and JavaScript.

EXPERIENCE

SOFTWARE ENGINEER, HANUMAYAMMA INNOVATIONS AND TECHNOLOGIES - SEPT, 2016-PRESENT

- Lead the Quality Engineering for portfolio of projects like Sanjeevani, Dairy Analytics and other IOT based web and mobile apps at Hanumayamma Innovations and technology
- Execute manual testing like functional, sanity, regression, API, A/B testing, data validation ,and etc. for various projects
- Contribute with development of automation testing using Selenium, Appium, unit testing, and etc. for web and mobile apps
- Triaging, troubleshooting, debugging and documenting issues using Logs, ADB, web console, Jira, confluence, and etc.
- Participating in requirement analysis, preparation of test plans and validating API contracts with various stakeholders involved
- Run system automation before major build deployments and maintain CI/CD/CT pipelines using Jenkins
- Performed end to end automation framework development, data validation testing, and maintain high quality standards for 3C technologies (Client) IOT based project to perform Analytics for various home appliance devices

SOFTWARE ENGINEERING INTERN, NETSCOUT SYSTEMS INC. – AUG, 2015 - NOV, 2015

- Developed data parsing mechanism using Java, SQL and JavaScript, for alert engine NGenius One for data packet capture and analytics
- Contributed to development of system to extract queries from XML format alert outputs and execute statements for manipulation and transactions in Postgres
- Conduct testing, debugging, and database validation to maintain the quality aspect of the application
- Develop issues metrics and use relevant data points to perform analysis of various data points using analytics tools like Tableau

SALES ENGINEER, ORACLE INDIA PRIVATE LIMITED – FEB, 2013 - FEB, 2014

- Interview clients and govt. representatives to collect requirements and information about the feedbacks and new feature requests
- Translate the requirements collected into technical specifications and tangible deliverables using functional specs, use cases, workflows, data model diagrams using tools such as Balsamiq, Visio and Lucid Charts.
- Maintaining records of the client interaction, team weekly activity report and highlights to presented to whole organization
- Support engineering activities and maintain collaboration using tools like Bugzilla, Jira, Confluence, and etc.
- Quality assurance and conducting A/B testing of the products, and record maintenance of trial testing phases

EDUCATION

SAN JOSE STATE UNIVERSITY, CA – MASTER OF SCIENCE, SOFTWARE ENGINEERING, MAY, 2016

AMITY UNIVERSITY (INDIA) – BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE AND ENGINEERING, JUNE, 2012

SKILLS

Languages: JavaScript, Java, MySQL, PostgreSQL, JQuery

Testing Technologies: Selenium WebDriver, Selenium RC, Selenium Grid, TestNG, JUnit, Automation Testing, CSS Selectors, XPath Locators, POM(Page Object Model), Appium, Neoload, TestRail, Jenkins, Bugzilla, Jira, Confluence, Advanced Rest Client(ARC), Postman, API Testing, Manual Testing, AWS, Microsoft Azure, Shell Scripting, Batch, Powershell

Web Technologies: HTML5, CSS 3, SCSS, Bootstrap 3.3.2, Tableau

Others: Restful API, VSCode, ADB, npm, GIT, Maven, Gradle, npm, Shell, Agile, Eclipse, IntelliJ, Unix, OOPS, REST API, Windows, Mac, Microsoft Excel, Microsoft Office, AWS, EC2, Amazon S3, RDS, CCloud Front, Amazon Cloudwatch, Amazon Cognito

PUBLICATIONS

- Cognitive Secure Shield - A Machine Learning Enabled Threat Shield for Resource Combined IOT Devices, S.Rautji, C. Vupplapatti, C. Chauhan,10.1109/ICMLA.2018.00175, IEEE , 17-20 Dec. 2018
- Image Visualization of Remote Sensing Data, SIPIJ Vol.4, No.5, October 2013
- Behavioural Biometrics and Cognitive Security Authentication Comparison Study, ACIJ, Vol.4, No.5, November 2013