

Bikshandar Viswanathan, Akshayalakshmi

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SUMMARY

Software Engineer with ~8 years of experience in application development, automation and testing of web and cloud-based solutions involving large scale data and multiple integration.

TECHNICAL SKILLS

Languages: Java, Python

Web Technologies: HTML, CSS, SAPUI5, JSON, XML

Testing Tools: Selenium WebDriver, Test link, Test Rail, Rest Assured, Postman, SOAPUI, Jira, Advanced Excel

Others: AWS Lambda, SNS, SQS, S3, CloudWatch, S/4 HANA, Oracle, MySQL, Git, Gradle, Maven, Jenkins, Splunk

Certification: Certified SAFe 5 Scrum Master from Scaled Agile, Inc (Issued – Sep 2020, Expires – Sep 2021)

WORK EXPERIENCE

Senior Software Development Engineer in Test

November 2019 - Present

Ancestry

San Francisco, CA

- ◆ Steered the development teams toward better test strategies and contributed to building a test automation framework in Java/TestNG to test the backend processing/logic of the microservice based spring boot application built for Ancestry's Health product to support weekly and monthly releases
- ◆ Reduced the data preparation time by 50% for sanity test suite through identifying issues with test cases
- ◆ Executed functional, integration, and load tests from different levels like UI, API and Database through automation scripts and manual tests
- ◆ Verified and validated REST API's using postman and automation scripts using rest-assured libraries
- ◆ Created automation scripts to validate the features that runs on AWS services– *Lambda, SQS, S3*
- ◆ Achieved recognition and appreciation for automating complex integration scenarios between our external lab partners (Illumina and Quest) and PWNHealth (Clinical Partners) that reduced ~36 hours of manual efforts per external integration testing phase and provided faster feedback to the development and product teams

Software Engineer

February 2018 – October 2019

SAP SuccessFactors

San Francisco, CA

- ◆ Increased customer satisfaction by triaging high inflows of defects, determined root causes, created unit tests for existing code, identified patterns in commonly occurring configuration errors, and provided solutions with necessary documentation, which reduced customer issues reported by 61%
- ◆ Took complete ownership for design, implementation, and testing of the reporting feature for job profile competencies and skills required for every role in different industries with no regression
- ◆ Enhanced the existing unit tests by streamlining unit test processes, identifying, and addressing failures, and documenting troubleshooting steps to provide support for Engineers
- ◆ Actively contributed to preventive defect fixing activities like Kaizenathon to avoid NPE's and XSS issues
- ◆ Expertise in writing SQL/HANA queries to fetch audit data, data migration between systems and data correction to eliminate dirty data in the customer's production or test instance

Software Development Engineer, Test

August 2015 – February 2018

SAP SuccessFactors

San Francisco, CA

- ◆ Implemented a data driven test automation framework and tests using Selenium WebDriver in SuccessFactors Automation Framework following Page Object Model and eliminated the need for manual testing and saved 120 manhours each release cycle that runs in Jenkins CD Pipeline with every code change being checked in so that issues are caught before being deployed to QA systems
- ◆ Certified the ODATA API's written using Fiddler, SOAP UI and Advanced Rest Client.
- ◆ Created test plans and authored acceptance tests and feature wise use cases
- ◆ Coordinated with the development team to perform defect analysis for human resource management software, which included tracking issues and identifying solutions
- ◆ Achieved recognition for support of QA Initiatives and Test Instance Management, provided recommendations to maintain data in QA systems, and reduced monthly infrastructure costs by \$75K

Quality Assurance and Test Engineer Intern

November 2014 – May 2015

Extron Electronics

Orange County, CA

- ◆ Involved in the testing of the web application designed for Extron Media Player following the WCAG 2.0 Complaint
- ◆ Executed test iterations, tracked and reported bugs and drafted user stories using JIRA

Device Associate

October 2012 – July 2013

Amazon Development Center India Pvt. Ltd

Chennai, India

- ◆ Involved in writing test cases, validating new features, and running regression cases for Kindle E-Ink devices, kindle content delivery service viz eBook, Periodicals and other contents over the air (OTA)
- ◆ Communicated the defects/bugs found to the development team through defect management tool - JIRA

EDUCATION

Master of Computer Science

Graduated May 2015

California State University

Long Beach, California