

Sai Ram, Pullabhotla

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SUMMARY

A competent professional with ten plus years of experience in Software Quality Assurance and Development. Expert in creating automation frameworks, automating web applications, non- UI elements along with web application development.

EDUCATION

University of Southern Mississippi , Hattiesburg, MS.	M.S in Computer Science	GPA: 3.64	December 2018
SASTRA University , Thanjavur, India.	Bachelor of Technology	GPA: 3.68	May 2013

CERTIFICATIONS

International Software Testing Institute (ISTI)	License: 98418014712166	August 2015
International Business Machines (IBM) - Solution Designer Rational Manual Tester		December 2014
International Business Machines (IBM) - Database Associate DB2 10.1		October 2014
International Software Testing Qualifications Board (ISQTB)	License: 234172265	March 2014
Oracle Certified Professional, Java SE 6 Programmer (OCJP)	License: OC1301607	September 2013

TECHNICAL SKILLS

Languages	: Java, C#, SQL, R Language, XML, JavaScript, python
Framework & Tools	: Mozarts, Mr Meeseeks, EasyRepro, Selenium, Serenity BDD, Postman, Jenkins, JIRA, Maven, JMeter, ASP.NET, TFS, Junit, TestNG, log4J
AWS Services	: S3, Cloud Watch, Lambda, ECS, SNS, SQS, ActiveMQ, DynamoDB
Methodologies	: SDLC, STLC, Agile, CI/CD, BDD, API testing, Test Planning, Test Strategy, Machine Learning
Web Technologies	: HTML5, CSS3, jQuery, AJAX, Bootstrap
Databases	: MySQL, Oracle SQL, Aurora DB
Source Control	: SVN, GIT

WORK HISTORY

SW Quality Assurance Engineer II (QAE II) May 2022 - Present

Amazon, Austin, TX

Amazon Q- AI, IntelliJ, Taskei, TypeScript, Cypress, Lugia, Mozarts, MrMeeseeks, Python, SDLC, STLC, JIRA, SQL, Java, Swagger, Confluence

- Contributed on UI automation framework development from scratch for testing react js based web application
- Developed UI automation test scripts and framework classes to reduce 18% time in manual testing
- Incorporated AI(AmazonQ) in automation script development & test case writing to reduce manual effort by 20%
- Performed API testing using SOAP requests, JSON payloads to verify the latency and load responses
- Performed device testing and functional E2E testing for FireTV OS on multiple devices
- Facilitated in launching TV's across NA, JP regions by owning E2E software quality
- Executed Performance tests and Google Compliance tests and get the google compliance clearance
- Coordinated with cross functional teams, TPM's, Offshore QS and SDE's for on time program delivery

Senior Software Test Engineer

December 2019- May 2022

Visa USA, Inc. Austin, TX

C#, Microsoft Dynamics, EasyRepro, ADO, Java, Swagger, Azure, Rest Assured, SOAP UI, JIRA, SQL

- Performed functional, E2E testing for a CRM migration project which is migrating from salesforce to dynamics
- Reported QA artifacts, efforts and defect details wrt the test on CRM migration project
- Created automation test scripts in EasyRepro with C# programming for better regression and quick QA
- Created a process automation flow that reduced manual work by 15% with JIRA / Zephyr QA practices
- Automated batch processing engine and portal applications to deliver quality & defect free products

Software Development Engineer in Test II (QA Engineer)

February 2019 - November 2019

Change Healthcare. Nashville, TN; **(Innova Solutions Inc.)**

Serenity BDD, Java, Selenium, Rest Assured, AWS, POSTMAN, JUnit, Maven, Eclipse, Jenkins, SQL, JIRA, NeoLoad

- Reduced overall testing hours 30% by writing and optimizing automation test scripts in Serenity BDD
- Creating test automation frameworks for java spring boot applications and testing the API's

- Operating under Agile and Scrum frameworks to complete releases every 2 weeks and well-organized sprints
- Directing off-site teams completing functional and regression tests to support successful product releases

Application Administrator - Graduate Assistant

November 2017 – November 2018

ITech, The University of Southern Mississippi, Hattiesburg, MS*Modo labs framework, Google Earth, Android API, IOS certificates, App designing templates, Alexa- AWS*

- Developed Alexa skills for the university using amazon Alexa, AWS, and node.js.
- Increased the usage of app by 33% as per the google analytics with enhancement of the app features
- Solved the navigation issues by updating the campus maps using google earth
- Designed various modules by incorporating available web features into the app

Software Development Engineer in Test (Associate Consultant)

August 2016 – June 2017

T-Mobile, Bangalore, India; **(Capgemini, India)***Selenium Web driver, Java, SOAP UI, TestNG, Maven, Eclipse, Jenkins, SQL developer, log4j*

- Lead a team of THREE, assigning and prioritizing the tasks.
- Reduced the time of test cycle to 50% by automating the web application
- Increased the accuracy of defect identification with batch suite and executed using TestNG via Maven
- Assured the quality of the application by performing regression testing, sanity testing and API response testing
- Involved in Identifying the E2E scenario & creating the Reusable methods, Generic methods & Page Factory.

QA Automation Engineer (Associate Consultant)

January 2016 – July 2016

Thomson Reuters Bangalore, India; **(Capgemini, India)***Protractor, Node.js, TestNG, Jasmine, JMeter, JSON, Java, Tomcat server, Agile, Sprint, JIRA*

- Reduced EIGHT overall hours by automating performance testing evaluation process
- Automated an angular JS web application using Protractor tool with Node.js programming
- Reduced build issues by creating smoke & regression test suites which tests all the functionalities
- Increased the performance of the web application by providing metrics with performance testing using JMeter
- Attended testing progress meetings after completion of each iteration for all the sprints

Test Automation Engineer (Systems Engineer)

October 2013 – December 2015

Liberty Mutual, Chennai, India; **(Tata Consultancy Services, India)***Selenium Web driver, C#.NET, NUnit, Java, JSP, Tomcat, Jenkins, MTM, HP- QTP, TFS, MySQL, Visual Studio*

- Saved \$ 8000 / year by implementing selenium web driver automation tool as a replacement to HP- QTP
- Reduced labour cost by automating a web application with around 450 test scripts
- Performed regression, functional and system testing by running 1050 test scripts
- Reduced 8% of regression cycle failures by performing code refactoring
- Developed a Java tool for generating an output excel from multiple pdf input for quick analysis of testing

ACADEMIC PROJECTS**Smart Online Exam Management System | JavaScript, Ajax, Bootstrap, HTML, jQuery, JSP, MySQL**

Fall 2018

- A web application, which automates the test conducting process and schedule the test online
- Generates an auto result and gives the detailed student performance report

Fitness Motivator Application | JavaScript, React.js, HTML, CSS, Node.js, Mongoose

Fall 2018

- A web application, which sends out surveys to the users and collects the data
- Generate a result on how to stay fit and what changes they need to make in their lifestyle based on collected data

Wine Classification using Neural Network | Java, Neuroph Framework, Backpropagation

Summer 2018

- Implemented a multilayer Neural Network to solve a classification problem
- Predicts the wine category across different wine varieties based on certain features

ACHIEVEMENTS AND INDUSTRY CONTRIBUTIONS

- Received QA excellence award in Amazon Inc, for AI incorporation in test case generation
- Received best QA award in Visa USA Inc for the successful delivery of defect free solution into prod
- Received "ILP KUDOS" award for my excellence in the training period from TATA CONSULTANCY SERVICES