

## Sai Ram, Pullabhotla

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## EDUCATION

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

## CERTIFICATIONS

International Software Testing Institute (ISTI)	<b>License: 98418014712166</b>	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)	<b>License: 234172265</b>	March 2014
Oracle Certified Professional, Java SE 6 Programmer (OCJP)	<b>License: OC1301607</b>	September 2013

## TECHNICAL SKILLS

Languages	: Java, JavaScript, C#, SQL, R Language
Framework & Tools	: Selenium, Protractor, SOAP UI, Jenkins, JIRA, Maven, Eclipse, Visual Studio, SVN, GIT, Apache JMeter, Postman, ASP.NET, Team Foundation Server, Alexa- AWS, JUnit
Web Technologies	: HTML5, CSS3, Node.js, AJAX, Bootstrap
Databases	: MySQL, Oracle SQL, MongoDB
Methodologies	: SDLC, STLC, Agile, CI/CD, TDD, BDD, API testing, Test Planning, Test Strategy, Machine Learning

## PROFESSIONAL EXPERIENCE

**QA Engineer / SDET (Software Development Engineer in Test II)** February 2019- Present  
**Innova Solutions, Inc. Nashville, Tennessee** *Client: Change Healthcare*  
*Selenium Web driver, Java, SOAP UI, POSTMAN, TestNG, Maven, Eclipse, Jenkins, SQL developer, JIRA*

- Write data-driven, white box/API test automation
- Analyse complex code changes for developing test strategy across several products in a highly efficient manner using innovative approaches
- Participates in software architecture design- recently involved, Often serves as a technical resource and mentors less experienced personnel
- Utilizing test automation frameworks which emphasize maintainability, including common libraries, data driven testing, UI-independent testing, etc
- Participate in code coverage/test coverage analysis to increase test coverage

**Application Administrator - iSouthernMS, 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

**Automation Programmer QA Analyst/ Associate Consultant** August 2016 – June 2017  
**Capgemini Technology Services, Bangalore, India** *Client: T-Mobile, North America*

*Selenium Web driver, Java, SOAP UI, POSTMAN, TestNG, Maven, Eclipse, Jenkins, SQL developer*

- 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.

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**Automation & Performance Tester/ Associate Consultant**

January 2016 – July 2016

**Capgemini Technology Services, Bangalore, India**

**Client: Thomson Reuters**

*Protractor, Node.js, TestNG, Jasmine, Jmeter, JSON, Java, Tomcat server, Agile, Sprint, JIRA*

- Reduced EIGHT overall hours of performance testing time per cycle 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

**Automation Test Engineer/ Java Developer / Systems Engineer**

October 2013 – December 2015

**Tata Consultancy Services (TCS), Chennai, India**

**Client: Liberty Mutual**

*Selenium Web driver, C#.NET, NUnit, Java, JSP, Tomcat, Jenkins, MTM, HP- QTP, TFS, MySQL*

- 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

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**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 survey's 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

**College Automation Project | C#, ASP.NET, MySQL, Visual studio IDE**

Spring 2018

- A web application, which lets students access their class schedules, subjects, books, library, add/drop classes
- Faculty and admin can view, manage a specific student and their progress

**San Francisco Crime Classification | Naïve Bayes classification. R language, R Studio**

Fall 2017

- Analysed the SFPD dataset and performed data pre-processing with different techniques
- Predicted the crime category according to a particular location, date and time

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**ACHIEVEMENTS AND INDUSTRY CONTRIBUTIONS**

- Created Excel sheets data comparison tool for comparing excel sheets data
- Received an "Appreciation note" from Client Manager for code refactoring and reduce regression cycle failures
- Received an "Appreciation note" from Client for pre timely deliverables with defect free
- Received "ILP KUDOS" award for my excellence in the training period from TATA CONSULTANCY SERVICES