**SATISH KUMAR GOLLAPROLU**

San Jose, CA| [satishgollaprolu@gmail.com |](mailto:satishgollaprolu@gmail.com|) +1 408-582-4059

[www.linkedin.com/in/satish516](http://www.linkedin.com/in/satish516) https://github.com/Satish615

**EDUCATION:**

**Masters in Software Engineering Jan 2017- Dec 2018**

San Jose State University, San Jose, USA  **GPA 3.6**

**Bachelor of Engineering May 2013**

Sri Venkateswara University College of Engineering, Tirupati, India. **GPA 3.7**

**SKILLS:**

*Programming*: C++, **Java**, Python, **JavaScript** (ES6), SQL

*Web Tech/Frameworks*: HTML5, CSS3, Bootstrap, AJAX,Node.js**,** Express, React.js, **Spring MVC.**

*Cloud Technologies*: AWSServices **(**EC2**,** S3, **API Gateway**, RDS, DynamoDB), **Docker**, Heroku.

*Software tools*: RALLY, Selenium, Redux, Kafka, **Junit**, **Mocha**, Jenkins, JIRA**,** **Git**, GitHub, Agile/Scrum**,** REST**,** SOAP, Passport.js.

**WORK EXPERIENCE:**

**Software Developer, Tech Mahindra Ltd.**  **Sep 2014- Nov 2016**

Developed code for the account creation, update and orders for web based credit card management solution with more than 100,000 customers using java, **spring** **MVC** framework, Hibernate ORM.

Developed & Enhanced **SOAP** and **RESTful** web services that communicates with database in distributed environment to deliver responses seamlessly to upstream and downstream applications.

Improved **response time** of API requests to less than 3 minutes by optimizing SQL queries in the database.

Built utility tools using node**,** HTML and **JavaScript** to track customer shopping experience with credit card.

Created and Executed unit tests to test **features and API’s** for ensuring product’s performance and reliability and Utilized maven for building the application and **Jenkins** for continuous integration.

Provided support during Production rollout, Post-production and provided technical assistance to QA team.

**Software Test Engineer, Tech Mahindra Ltd.**   **June 2013- Aug 2014**

Developed scripts using **selenium** to test applications and achieved 60% automation test coverage.

Created automation scripts for test data creation and reduced the manual effort by 50% in project.

Successfully performed **root cause analysis** for many production issues and reported back to client.

**RELEVANT COURSE WORK:**

Cloud Computing, Distributed Systems, Data Structures and Algorithms, Software design patterns, software Testing, operating systems and virtualization Technologies, Database systems, Machine Learning.

**ACADEMIC & PERSONAL PROJECTS:**

[**Star Bucks portal**](https://github.com/Satish615/StartBucks-portal)**:** (**Java Restlet**, Angular.js, Node.js, **Kong API Gateway**, Mongo DB)

Built a Full Stack, **Micro serviced** star bucks portal using React, Kong API and Java Restlet as Backend.

[**clash of kings’ chess game:**](https://github.com/Satish615/Clash-of-kings)(JavaScript, Express, **Socket.io, redis cache**)

Created a multiplayer online variant of chess game implementing JavaScript Design patterns with Express.js, Socket.io, jQuery facilitating players to strategically kill each other and win.

**Freelancer: (**Express**, React.js,** Mongodb, **Apache Kafka,** Passport.Js**)**

Developed a replica of freelancer application to enable users to post new projects and accept projects seen in dashboard and Performed testing using **Mocha** and JMeter to minimize application response time.

[**Timely Grocery E-commerce**](https://github.com/Satish615/Timely-Grocery) **-** (HTML, CSS, JavaScript, **PHP**, **AJAX**)

Designed a responsive E-commerce website using LAMP stack for groceries with PHP as server side language and Integrated Google Maps API to create best route connecting different store outlets.