Tarun Upputuri

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Location: Clemson, South Carolina

Professional Summary:

I'm a Computer Science Masters student at Clemson University, South Carolina with a 3.6 GPA. About 3.3 years of experience in Infosys Ltd (Employee Id 793225) working on Software Quality Assurance Testing, Manual Testing, Automated Testing in Web, Windows, and Databases applications in the Domain of Retail and railroad. Strong capability in designing regression test suites and automating functional tests in all the software development life cycle phases and all different tiers of an end-to-end web application. I am actively looking for opportunities with my enhanced skill set and knowledge in Programming languages.

ACADEMIC QUALIFICATION

Master of Science Computer Science: **Clemson University, Clemson, South Carolina**

Coursework: Machine Learning, Applied Data Science, Data Visualization, Database Management Systems, Foundations of Software Engineering, Algorithms and Data Structures, Cloud Computing.

TECHNICAL SKILLS

Programming Languages	:	Java, Python
Database	:	SQL, Oracle
Web Technologies	:	HTML5, CSS3
Testing Tools	:	Selenium, Geb with Groovy, Gradle, Maven
Test Management Tools	:	HP ALM, Jira, Version One
Frameworks	:	Junit, TestNG, Spock
Tools	:	Eclipse, IntelliJ, DB Visualizer

PROFESSIONAL EXPERIENCE
Infosys Ltd (April 2018 – July 2021)
Job Role: Automation *Test Engineer*

Client: Walmart, USA, Health & Wellness Track (September 2020 – July 2021)
Project Title: Connexus Portal
Connexus Application: Windows-based application which deals with pharmacy operations of Walmart stores which deals with Prescriber, Third-party vendors, Insurance companies, Drug manufacturers, pharmacists, and Technician operations which involve from scanning prescription to pickup of medicine from the store.

Responsibilities:

- Primarily worked on automation testing which resulted in a significant reduction in execution time with maximum test coverage.
- Worked on Database validations that involve CRUD operations using DBeaver.
- Worked on Dragon framework which is Walmart customized framework interacting with Windows Application Driver and Selenium with Java.
- Experience in automating test cases which involves Connexus windows application automation.

Client: Burlington Northern Santa Fe, LLC (BNSF Railway), USA, Pricing Track (April 2019 – August 2020).
Project Title: Rapid Price Management System, Vendavo
Vendavo Pricing Application: It is a web application that deals with the pricing of Freight transportation like creating price authorities, extending, expiring, Mass price change functionalities based on Commodity, Shipment, geographic location, and business hierarchy fields.

Responsibilities:

- Involved in automating test cases using Groovy with Spock and Selenium Web driver with TestNg.
- Identified scenarios for automation that lead to improved functionality and identification of defects.
- Knowledge of version control systems (like Git).
- Develop fully automated functional and regression tests in an agile team.
- Responsibility for test automation and quality assurance

Client: Walmart, USA, Recruitment Track (October 2018 – March 2019)
Project Title: Associate Career Portal and Recruitment Portal
Associate Career Portal and Recruitment Portal: Web applications which deal with maintaining the employee records with their positions, preferences, transfer options, rehire eligibility of employee details and hiring procedure which involves Shortlisting candidates, conducting interviews, Drug Test, Orientation programs and joining procedures

Responsibilities:

- Involved Smoke testing, System, and Regression testing.
- Involved in Database validations that involve CRUD operations.
- Involved in automating test cases using Selenium Web Driver with TestNG.
- Worked on Maven tool to handle dependencies and Jenkins for continuous integration.
- Responsible for preparing daily and weekly status reports and sent across to business owners and management.

Intern Infosys Ltd, April 2018 – Sept 2018

Job Role: System Engineer Trainee
- Exposure to programming languages such as Python, OOPs, Data structure and Algorithm, SQL. This training also includes various Automation testing tools such as Jenkins, Postman, and SOAP UI. By the end of the training, I was one of the top performers by scoring 76% in the overall training which includes soft skills. Worked on Infosys Automation Platform.

ACADEMIC PROJECTS

CLASSIFICATION AND CLUSTERING TO DERIVE A CONSOLIDATED PREDICTION: GITAM University, Visakhapatnam (Mar 2017)

The main idea is to take data set belonging to a real-time entity, such as a student getting a credit card based on the attributes of the entity, which may give results, whether the person can get the credit card, which is a target class which will be classified based on other attributes. All the rules created from classification may not be accurate, and then we may consider the results from the clustering by applying K-Means and K-Medoid Clustering algorithms and the Object Groups created from the classified results. From, OSG is generated and final probabilities are calculated

Intern Hewlett-Packard training center, Visakhapatnam, May 2016
Project Base: Networking Concepts with Security
Project Title: Enterprise Network End to End Solution

- Undergone Internship in Hewlett-Packard (HP) training center, Visakhapatnam on Networking Concepts with Security and I learned Configuring Network for an Enterprise located in different Cities and Implementing various Security Protocols. In this training, I understood the use of tools used for ethical hacking and how to secure the network from hackers.

AWARDS & ACHIEVEMENTS

- Insta Award for excellent work in Pricing, BNSF.
- Tech Wizard award for exemplary skills shown in BNSF Pricing track.
- Awarded 'Excellence Award' for leading by example for fellow team members of Walmart team in Infosys.

COMMUNITY INVOLVEMENT

- Involvement in various social activities through Rotaract Club.
- Involvement in various social service schemes through Vivaan Welfare Association.
- Rescue volunteer during disastrous HUD-HUD cyclone (2014) in Visakhapatnam.