

RAHUL SHARMA

A self-motivated student with the ability to quickly learn new technology to drive process improvements. Strong team player with good communication and collaborative abilities. Always ready to take up challenging tasks.



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[Linkedin](#)



[GitHub](#)

Education

George Mason University, Virginia, USA

08/2021 – 05/2023

Masters in computer science (GPA-3.7/4.0)

G.L Bajaj Institute of Technology & Management, India

08/2014 – 06/2018

Bachelor in computer science (GPA-6.4/10.0)

Skills

Languages: Java | python | C | SQL | HTML | CSS | Selenium | JSON | JavaScript

Technologies: OOPs | Automation Testing | OCUST | Cucumber | Maven | AWS | Jenkins | Docker | EC2 | S3 | CI/CD | Web Development | Spring Boot | Algorithms | Data Mining | Data Analytics | AI | ML | NLP | RDBMS | SDLC | STLC | JDBC | Agile | Spring MVC | JIRA

ACADEMIC PROJECT

- **Sentiment Analysis** of Amazon product reviews: Logistic Regression, Natural Language Processing, Text Vectorization, Feature Reduction, K-Nearest Neighbour Custom Model, Accuracy: 90%
- Deployed the Containerized application on **Kubernetes** with the use of Rancher and establish the CI/CD pipeline that includes a Git repository at GitHub and **Jenkins** for automated build and deployment.
- Develop a Student Survey Form using **JavaScript** functionality, demonstrating how to use **cookies**, JavaScript functions, **event handling**, jQuery, and Ajax implementation.
- Build a CS department **webpage** and add a survey page, which is uploaded to the EC2 instance.
- **Word Analysis** which shows the website's top seven most used words with the exact amount using data visualization and data mining.

Professional Experience

BIRLASOFT

Software Engineer

Pune, India

Dec 2019 - Aug 2021

- Comprehensive understanding of **Software testing**, including creating test scenarios and writing test cases and reports.
- Developed automation framework using Java and **Selenium** for performing regression testing.
- Scripted 1000+ test cases for 10+ modules like PDH, SCM, and HCM, to ensure the application's quality.
- Build Automated **Test Scripts** for cloud applications in 10+ modules to reduce tedious tasks.
- Reported 100+ regression defects after analyzing the test suite execution report and tracked them till closure according to the defect life cycle.
- Well acquainted with **SDLC** and exposure to all phases of STLC.
- Prepared test deliverables and defect logs comprehensively in line with customer requirements.

KPIT

Consultant – MDM Cloud Team

Pune, India

Oct 2018 - Dec 2019

- Worked on Data Quality tool **EDQ** (Enterprise Data Quality) to improve large data sets.
- Increase performance by 16% for feeding filter product data to the system.
- Worked on product data hub module in **PLM**.
- Implemented a database to store project resource information to drive resource allocation.

ACHIEVEMENTS

- Worked as a Graduate Teaching Assistant for two consecutive semesters to assist these courses SWE-419/619(OO Software Design and Implementation) and SWE-205(Software Usability Analysis and Design)
- Star Performer of the Month award in Automation.