



RAHUL MISHRA

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Education

JECRC University

Bachelor of Technology in Computer Science and Engineering

Sep. 2017 – May 2021

Jaipur, Rajasthan

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

AU Bank

June 2021 – Present

Automation Test Engineer

Jaipur, Rajasthan

- **Corporate Internet Banking:** Worked on Automation Testing of Corporate Internet Banking website and Mobile App. Corporate Internet Banking is an internet banking website/app for corporates which generates a significant revenue thus holds importance.
- **Selenium Web Automation Framework:** Made Selenium Web Automation Framework from scratch for the Automation Testing of CIB and other applications and provided it to other teams working on different projects.
- **Appium Mobile Automation Framework:** Made mobile app automation framework from scratch using Appium for the Automation Testing of CIB mobile app.
- **TestNG :** Used and managed TestNG in selenium framework to control execution and manage test methods and provide test data through TestNG Annotations for each test case.
- **Extent Reports:** Extent reports provide beautiful and detailed test results at the end of the test execution. Used Extent Reports dynamically in the framework. Shared with business team and production support team to lessen their hassle.
- **Maven:** Maven is a build tool, used to manage dependencies through easy XML manipulation. Used Maven instead of Gradle in projects.
- **Apache POI:** Apache POI is mainly used to read and write from and to Excel Files, used custom Utility methods to read/write data from excel files as the framework was Data Driven.
- **Jenkins:** Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- **ElasticSearch and Kibana:** ELK Stack is most commonly used as a log analytics tool, integrated Kibana to the framework for a Dashboard of Live Reporting feature while running the test scripts.
- **Docker:** Ran everything inside a docker container thus removing the system dependency on the code and associated softwares.

Open-Source and Projects

Hybrid Test Framework | Open Source Project: Java, Selenium, RestAssured, OWASP

December 2021

- **Forked:** And made changes and made some Pull Request. Still playing and experimenting with code to understand the intricacies.

Blockchain Core | C++

October 2020

- **Blockchain using CPP:** Developed a Blockchain backend using C++, where transactions could be done and verified. Learnt about SHA256 for encryption on user's transaction details.

Unpack | Internship Project: Python, Django

May 2020

- **Backend:** Worked on Backend Development of a simple E-Commerce website using Django in which I got to work on Views, Urls, and Model of the application

Technical Skills

Languages: Java, Python, C++

Developer Tools: VS Code, Eclipse, Amazon Web Services

Technologies/Frameworks: Linux(Ubuntu), Selenium, TestNG, Jenkins, GitHub, Docker, Elasticsearch, Kibana

Courses / Links

Applied AI Course | Python, Numpy, Matplotlib, Scikit Learn, Tensorflow

June 2019 - May 2020

- **Applied AI Course:** is 250+ hour course on Applied Machine Learning and Deep Learning.

Leetcode Profile | Please click the link to open