

# Rahul Kumar

## Software Test Engineer

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Website:

### Total Experience

5 Years in IT industry

### Work History

Esyasoft Technologie

Pvt. Ltd

Feb. 2024 – Present

### Designation

Software Test Engineer

Grorich Tent systems

Sept. 2019 – Jan. 2024

### Designation

Quality Assurance

Engineer

## Career Objective

Dedicated and highly motivated Software Quality Assurance professional with two years of experience in manual testing and one year of expertise in automation testing with Java and Selenium. I am actively seeking a challenging role in a dynamic organization where I can apply my skills and knowledge to ensure the delivery of high-quality software products.

## Professional Experience

I bring 5 years of experience as a Software Test Engineer, having actively contributed to projects within the dynamic E-Commerce and Healthcare domains, aligning with Agile Methodology. My journey has been marked by significant accomplishments, showcasing my knowledge and proficiency in various facets of quality assurance:

**Requirements Analysis:** I possess strong analytical skills that enable me to dissect and comprehend Functional Requirements, ensuring a clear understanding of project objectives.

**Test Case Design:** I am skilled in creating comprehensive Test Cases, applying proven Test Case Design Techniques to guarantee the thoroughness of our testing strategies.

**Test Plan and Review:** I have been actively involved in the Test Plan and Test Case Review process, guaranteeing meticulous and effective testing approaches.

**Manual Testing Expertise:** My extensive experience encompasses a wide range of manual testing types, including Smoke Testing, Sanity Testing, Functional Testing, Integration Testing, End-to-End Testing, regression Testing and Adhoc Testing. These skills have been integral in identifying and addressing issues effectively.

**Test Automation Proficiency:** I excel in test automation, proficiently using Selenium Web Driver to develop automation testing scripts. My contributions include implementing and executing Data-Driven, Module-Driven, and Hybrid Automation Frameworks using existing libraries.

**Tools and Frameworks:** My expertise extends to tools like **TestNG** Framework, **Maven** Project Building Tool, **Jenkins**, and **GitHub**, streamlining automation processes.

**Results Analysis:** My role involves executing Test Cases and meticulously analyzing results to ensure the software's integrity and reliability.

**Reporting and Defect Tracking:** I am well-versed in the reporting and defect tracking processes, playing a vital role in maintaining the quality of the software development cycle.

**Bug Life Cycle and RTM:** My proficiency includes understanding the Bug Life Cycle and maintaining a Requirement Traceability Matrix (**RTM**) for comprehensive project management.

**SDLC and STLC:** I maintain an excellent understanding of both the Software Development Life Cycle (SDLC) and the Software Test Life Cycle (STLC), ensuring a holistic approach to quality assurance and problem solving.

**Database Proficiency:** My knowledge extends to database concepts, including Oracle SQL and JDBC. I have also demonstrated expertise in **API Testing** and **REST Assured**.

**Java and CI/CD:** I have a solid grasp of Java OOPS concepts, making me effective in various software development environments. My understanding of Continuous Integration tool Jenkins enhances the efficiency of the development process.

**Postman and CRUD:** I have significant exposure to Postman and am proficient in performing CRUD (Create, Read, Update, Delete) operations, an asset for web service testing.

These accomplishments reflect my dedication to maintaining the highest standards of software quality throughout the development life cycle. My diverse skill set, encompassing both manual and automated testing, positions me as an asset in delivering high-quality software products.

## Project Details

### ARCUS

Mar. 2024 – Present

### Role

Automation and  
Manual Testing

### Process

Agile Methodology

### Domain

Energy Trading

## Project Details

### REST API

Feb. 2024 – Present

### Role

Automation and  
Manual Testing

### Domain

Advanced Metering  
Infrastructure

## Project Description:

- Energy Trading application with futuristic model. The wholesale electricity market in Alberta operates under an “energy only” model, where generators are compensated solely for the energy they produce. The Alberta Electric System Operator (AESO) also runs a separate ancillary services market to maintain grid reliability.

Environment:

- Manul Testing, Automation Testing, IntelliJ IDEA, Eclipse, Selenium, Java, TestNG, Maven, TestFirst, Jira, GitHub.

## Project Description:

- Conducting API testing using tools such as **Postman** and **RestAssured**
- Developing and maintaining automated test scripts using programming languages such as **Java, JavaScript**.
- Collaborating with developers and other stakeholders to identify and resolve defects and issues.
- Creating and executing test plans and test cases to ensure API functionality and performance
- Designing and implementing API testing frameworks and strategies.
- Conducting load and stress testing to identify performance bottlenecks and scalability issues
- Analysing and interpreting test results to identify trends and areas for improvement.
- Providing technical guidance and mentorship to junior team members.
- Staying up to date with industry trends and best practices in API testing and automation.
- Participating in agile development processes and contributing to continuous improvement efforts.

Environment:

- IntelliJ IDEA, Selenium, Cypress, Java, JavaScript, Postman, GitHub, VS-Code.

**Apart from these projects I am also involved in many projects for Sanity Test, Integration Test like Command Test & Asset flow.**

## Previous company Project:

I was worked on E-Commerce and Health care domain.

## Educational Qualification:

- I learned my M. Tech in Digital Communication from S.D. Bansal Engineering College in Indore, Madhya Pradesh, with a CGPA of 7.75, graduating between 2013 and 2015.
- My Bachelor of Engineering (B.E.) in Electronics and Communication was completed at S.S.V.P.S's B.S.D Engineering College in Dhule, Maharashtra, with an overall percentage of 66, awarded between 2006 and 2010.

## Declaration:

I hereby affirm that the information provided above is accurate and complete to the best of my knowledge and belief.

Place: Bengaluru

Date:

**Rahul Kumar**