

## Rahul V Nair

Offering focussed and committed workmanship in Software Quality Testing

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## Automation Test Engineer

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### Overview

IT Professional with three years of working experience in information technology focusing on software testing

- Proficient in Selenium WebDriver and TestNG, I excel at automating web applications and crafting robust automation frameworks with Selenium and Cucumber BDD.
- I have a knack for identifying test scenarios, designing test cases, and preparing comprehensive testing artifacts.
- My expertise covers functional testing, smoke testing, regression testing, and system testing, ensuring software excellence at every stage.
- Proficient in creating various testing artifacts such as test cases, defect report, RTM, test summary report, automated test scripts
- With a solid grasp of the NDC standard and experience across multiple airlines, I am equipped with the industry knowledge necessary to enhance quality in aviation software.
- I boast a keen understanding of REST APIs and have hands-on experience in API testing using Postman and the Rest Assured library java.

### Core Competencies

Test Automation  
Web application testing  
API Testing  
Remote  
Debugging  
Github, Jenkins  
Swagger Validator

Vulnerability assessment on Web applications.  
TestNG  
Functional Testing  
Automation Test Framework Development (Cucumber BDD, Java, Selenium, Testng)

JIRA, Java Rest Assured Library

### Employment History

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**Verteil Technologies Pvt Ltd : Test Engineer-Automation – Aug 2023 to Present**

#### Responsibilities handled:

- **Test B2B Airline Processes:** Conduct thorough testing of B2B airline processes to ensure functionality and safety within Verteil Direct Connect (VDC). This involves verifying the proper operation of various services and integrations.
- **Manual and Automation Testing:** Perform both manual and automated testing to validate that all airline services are working correctly. This includes creating and executing test cases, identifying defects, and ensuring that automation frameworks are robust and effective.
- **API Testing:** Analyze Postman API collections and identify Defects and Reports.
- **Verify Service Integration:** Ensure seamless integration of airline services by testing different functionalities, such as order creation, air shopping, and flight pricing, across multiple environments.
- **Maintain Quality Standards:** Actively log defects and work with development teams to address issues, maintaining high standards of software quality.
- **Enhance Testing Framework:** Contribute to the refinement of the automation testing framework and develop test suites for various testing phases, including User Acceptance Testing (UAT).

## Vaisesika Consulting Pvt Ltd – Aug 2021 to July 2023

### Responsibilities handled:

- Develop required Selenium functions in JAVA for Cucumber.
- Develop Data Driven approach to retrieve test data from excel files and property files
- Create Xpath for the identification of web elements.
- Use various available features of Selenium to develop efficient and error free Automated
- Test Scripts using java in IntelliJ
- Involve in debugging and error fixing of failed test cases
- Creating and Executing test scripts of web application using selenium & cucumber
- Developing functions to generate the test report using Allure framework
- Writing BDD scripts with cucumber in to feature files and corresponding Step definitions in java
- Implement Page Object Framework for enhancing test maintenance and reducing code duplication
- Developing Test Cases for VAF UI.
- Execution, Defect Tracking and Defect Reporting.
- Attending calls and meetings daily within the team members to discuss the progress on test cases

## Enxcl Business Solutions Pvt Ltd – Oct 2020 to July 2021

### Responsibilities handled:

- Understanding the requirements and functional specifications of the project.
- Preparation of test basis.
- Performing sanity testing once the build is ready to test.
- Identification of Test scenarios required for testing.
- Execution of Test cases
- Interacting with the developers to make sure that they have understood the issues and proactively involved in a Defect review meeting.
- Implemented POM (Page Object Modelling) Framework
- Extensively performed manual testing to ensure the quality of software.

## Academic Details and Certifications

Course	Institution	Percentage/CGPA	Year of Passing
B. Tech - Mechanical	Musaliar College of Engineering and Technology, Pathanamthitta	7.0	2020
12th Class	GOVT. MBHSS Haripad	84%	2016

## Project Experience

### 1. Verteil Direct Connect B2B (Aug 2023- Present)

At Verteil Technologies, I focus on testing B2B airline processes to ensure their seamless operation and safety. My responsibilities include executing both manual and automated tests to verify the functionality of airline services such as order creation, air shopping, and flight pricing. By leveraging automation tools like Selenium and Rest Assured, and monitoring logs with Kibana, I ensure robust integration and performance. I also participate in buddy testing, gather detailed test requirements and refine the testing framework to maintain high quality standards throughout the testing lifecycle.

### 2. Vaisesika AI Framework(VAF), VAF UI (2021 -2023)

VAF with Artificial Intelligence (AI) enabled is intended to simplify the development of automation test scripts, effective in Waterfall and Agile methodology test environments where rapid script development plays a key importance .

VAF has been designed with Artificial Intelligence (AI)/Machine Language (ML) and integrated with tools such Browser Stack, GitHub, JIRA, Jenkins, Gradle and Junit to support all kinds of web and mobile testing with advanced reporting

### 3. TransArabian B2C (Aug 2023 -Present)

At Verteil Technologies,I focus on testing TransArabian B2C airline process.My Responsibilities include creating and executing Test Cases and Test Scripts for both Manual and Automation Testing to verify the functionality of airline services such as OrderCreation, air shopping, and flight pricing.By leveraging automation tools like Selenium and Rest Assured, and monitoring logs with Kibana. I ensure robust integration and performance. I also participate in buddy testing, gather detailed test requirements and refine the testing framework to maintain high quality standards throughout the testing lifecycle.

### 4. Leading Learning and Assessment Platform – iCleaF (2020 – 2021)

**Description:** The application is offered as PaaS in the learning and assessment domain. The project objective is to test the functional (both manual and automation). The application consists of 60+ screens, accessed by users in multiple roles. Various features like virtual classrooms are being added to the core product now. Our scope was to prioritize automation, performance testing, and vulnerability assessment by implementing Selenium scripts, conducting performance tests with JMeter. We ensured robust coverage across 60+ screens and multiple user roles, actively participating in defect triage sessions for improved system performance.

### Personal Details

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Date of Birth	: 18-September-1998
Nationality	: Indian