✉ nalinrai123@gmail.com

☎ +91 9014158855

in www.linkedin.com/in/nalinrai

📍 Pune

Nalin Kumar Rai

Test Analyst

PROFESSIONAL SUMMARY

- Overall, around 8 years of IT experience which includes around **7+ years** of experience as software tester and **3+ years** of experience as software developer.

Software Testing:
- Extensive experience in manual and automation testing of **UI** and **Web services**.
- Expertise in **UI automation testing** using **Selenium Web driver**, **Cucumber**, **Maven** and **GitLab**
- Extensive experience in **Web Services testing** using **Java, Rest Assured** and **Postman**.
- Strong experience in development and maintenance of **automation frameworks**.
- Experience on tools like **Kibana** for log analytics.
- Designed and implemented different automation frameworks like **Keyword Driven framework**, **Data Driven framework** and **Hybrid framework**.
- Experience in **service virtualization** Using **wireMock**
- Excellent knowledge of **Java**, and **SQL**.

Software Development:
- Experience in micro services development using **Spring Boot**
- Experience in design, development and testing of micro services.
- Experience in different spring modules like **Spring Cloud, Spring Data JPA.**
- Experience in micro services testing using **WireMock** and **MockMVC**
- Good knowledge of **Java 8** and oracle database
- Used **Umlet** for design diagrams of micro services and other components

TECHNICAL SKILLS

- **Programming languages**: Java, SQL
- **Testing Tools**: Selenium WebDriver, Postman, Rest Assured, WireMock, MockMVC, Junit, TestNg
- **Build Management**: Maven
- **Project/Test Management**: Jira/Xray
- **CICD**: Jenkins
- **Source Code Management**: GitLab, GitHub
- **Database**: Oracle, H2
- **IDE**: Eclipse
- **Platforms**: Windows , Linux
- **Development Framework**: Spring Boot (Spring Cloud, Spring Data, Spring Boot Admin UI),JPA, Hibernate

PROFESSIONAL EXPERIENCE

Infosys - Test Analyst
Apr '19 - Present

Client : British Telecom , Role: Test Analyst
Glasgow, United Kingdom

Project Description :
EMC2 imports data from estate manager which collects data from outstation units across several thousand exchange and mixed-use sites. It serves as a management and configuration point for the outstations. It allows users to connect to outstation units and manage cooling and heating at the sites.
Responsibilities:
- Test requirement gathering from product owner and development team
- Identify scenarios and create test cases for respective UI change.
- Test the changes manually and automate using selenium for regression testing
- Created automation framework from scratch for UI testing using selenium.

- Identify scenarios and create test cases for respective Micro service.
- Test the changes manually using postman and automate using Rest assured for regression testing
- Created automation framework from scratch for micro services testing using Java – rest assured
- Defect tracking using Jira – Xray
- Create and configure scheduled execution of test cases using Jenkins
- Participate in scrum ceremonies like sprint planning, standup , sprint retrospective etc.,
- Interact with junior team members to eliminate blockers and help in testing

Infosys - Test Analyst
Apr '19 - Present

Client : British Telecom , Role : Developer
Glasgow, United Kingdom

Project Description :
Programmer Emulator as name suggests it emulates the behaviour of programmers (Outstation units) which are located across exchanges. These outstation units have two API to export data. programmer emulator uses the real backup from outstation units and emulates the responses of these two API. It facilitates development team to perform functional and non-functional testing of EMC2 components against real time data without even connecting with real outstation unit

Responsibilities:
- Development of Object Export API including activities like requirement gathering and design.
- Design and development of backend component 'EMC2 Prod data harvester' which orchestrates different services to fetch backup file and respective metadata from production to reference environment
- Unit testing using MockMVC and wiremock
- Demo all the changes made on existing components and new service functionality to test team for testing.
- Creating design documents

Infosys - Test Analyst
Oct '20 - Present

Client : British Telecom , Role : Developer
Glasgow, United Kingdom

Project Description :
EMC2 imports data from estate manager which collects data from outstation units across several thousand exchange and mixed-use sites. It serves as a management and configuration point for the outstations. It allows users to connect to outstation units and manage cooling and heating at the sites.

Responsibilities:
- Design and Development of micro services including activities like requirement gathering from product owner
- Developed micro service using Spring HATEOS , spring data JPA.
- Worked on different back end components and used Spring cloud for service registry and discovery.
- Testing of micro services using MockMVC and wiremock
- Demo all the changes made on existing components and new service functionality to test team for testing.
- Participate in scrum ceremonies like sprint planning, standup , sprint retrospective etc.,

Infosys - Test Engineer
Mar '15 - Mar '19

Client : Charles Schwab US , Role: Test Engineer
Pune, India

Project Description :
Portfolio management domain provides account holdings and performance data, application data, automation and services to multiple applications at Schwab. Maintain the stability, scalability and performance of the domain in the support of multiple vertical stakeholders to support existing work/features already on the platform..

Responsibilities:
- Testing of REST Web Services which comes under Portfolio Management Domain.
- Developing test scripts by using Java – rest assured and Postman
- Enhancing the scripts and running the regression test suite.
- Test cases execution and data validation against Mongo data base.
- Handling offshore team and coordination with onsite team.
- Preparing Test Execution Report for providing daily status to client.

Infosys - Test Engineer
Feb '17 - Mar '19

Client : Charles Schwab US , Role: Test Engineer
Pune, India

Project : OASIS Portal (Investment Banking)

Responsibilities:

- Developing and enhancing automation script using Selenium + Junit with Java.
- Managing periodic execution of test cases using Maven and Bamboo.
- Client interaction for daily stand up calls.
- Identifying bug and reporting it to developer team.
- Preparing Test Execution Report for providing daily status to client.

ACHIEVEMENTS

- Received **INSTA award** for performance in Infosys
- Received **Hi-Flier at onsite** award for performance at onsite in Infosys.

PERSONAL DETAILS

- Date of Birth   : 17thApr 1993
- Languages Known : English, Hindi, Telugu
- Valid passport   : Yes

EDUCATION

B.Tech – CSE (*Jawaharlal Nehru Technological University Hyderabad*)	**71.5%**	**2014**
HSC (12th)	**91.4%**	**2010**
SSC (10th)	**83%**	**2008**