Shantanu Kumar Muduli

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Software Test Engineer

Software Test Engineer with **4+ years** of experience in **manual and automation testing**, skilled in **Selenium, Java, SQL**, and delivering quality solutions to drive company success.

Professional Summary

- **2 Years of Expertise**: Skilled Support Engineer with hands-on experience in **Manual testing** of web applications. Proficient in **Functional**, **Regression,Smoke** and **Sanity** , ensuring robust test coverage and high-quality software delivery.
- **2+ Years of Expertise**: Skilled Software Test Engineer with hands-on experience in **Both Automation and Manual testing** of web applications. Proficient in **Selenium WebDriver**, **TestNG**, and **Postman**, ensuring robust test coverage and high-quality software delivery.

- **Jira Expertise:** Proficient in **Jira** for managing test cases, scenarios, defects, and test cycles efficiently.
- **Automation Excellence:** Developed scalable, reusable automation frameworks with **Selenium**, **TestNG**, and **Java**, optimizing test efficiency.
- **Comprehensive Testing:** Expertise in **Functional**, **Regression**, **Smoke**, and **Accessibility Testing** for end-to-end software quality.
- **API Testing:** Advanced in **Postman** for designing, executing, and automating API tests with HTTP requests (GET, POST, PUT, DELETE).
- **Agile Practitioner:** Actively engaged in **Agile** processes like sprint planning and stand-ups.
- **Problem Solving & Communication:** Strong problem-solving skills with excellent communication to provide actionable solutions to stakeholders.

Skills

1. Manual Testing:

- Proficient in creating **test plans and test cases** from functional specs and user stories.
- Skilled in **functional testing** to validate application behavior against specifications.
- Experienced in **exploratory testing** to identify defects and optimize user experience.
- Expertise in **regression testing** to ensure new features don't affect existing functionality.
- Proficient in **defect reporting and tracking** using **JIRA**, ensuring clear communication with development teams.
- Facilitated **User Acceptance Testing (UAT)** with stakeholders to validate business requirements.
- Adept at documenting **test cases, results, and defects** for clarity and future improvements.
- Quick to adapt to new tools, technologies, and methodologies to enhance testing processes.

2. Core JAVA:

- Proficient in **class and object creation** for data encapsulation and behavior management.
- Skilled in **static and non-static** declarations for effective code design.
- Strong expertise in **method overloading and overriding** to implement class behaviors.
- Knowledgeable in **inheritance** and **abstract classes** for flexible design.
- Achieved **multiple inheritance** through interfaces to share behaviors across classes.

3. Automation Testing/Selenium:

- Developed and enhanced **hybrid automation frameworks** for flexibility and scalability.
- Proficient in handling **complex interactions**, such as dropdowns and mouse-over actions, across multiple browsers.
- Expert in **object locator identification** and creating **comprehensive Object Repository** files with advanced **XPath expressions**.
- Strong understanding of **TestNG annotations** for efficient test case execution.
- Managed automated scripts across browsers like IE, Firefox, and Chrome.
- **Core Java** knowledge to enhance **automation scripting** capabilities.

4. API Testing using POSTMAN:

- Proficient in setting up **Postman** for API testing and managing **collections** for test organization.
- Skilled in **environment and variable management** for adaptable test execution.
- Experience in **dynamically generated variables** for more robust API tests.

5. SQL (Structured Query Language):

- Strong knowledge of **DQL, DDL, DML, DCL, and TCL** for efficient database management and query execution.
- Experienced in using **joins** (inner, outer, left, right) for combining tables and extracting relevant information.
- Good understanding of **datatypes** and **constraints** for accurate data storage and validation.
- Familiar with working with **primary keys** and **foreign keys** for maintaining relationships between tables.

Experience

AUG 2020 –NOV 2022

Software Engineer/Orisys Infotech Private Limited, Bhubaneshwar, Odisha

- Proficient in diagnosing and resolving software issues in real-time for end-users or clients.
- Strong ability to communicate complex technical information to non-technical users clearly and patiently.
- Skilled in using remote desktop and collaboration tools AnyDesk to resolve client issues efficiently.
- In-depth understanding of company products and services to provide accurate and efficient support.
- Responsible for Integration Testing,Functional Testing and system Testing.

NOV 2022 –OCT 2024

Software Test Engineer/ Dietary Business Intelligence Limited, Bhubaneshwar, Odisha
(Former Organization Name **Jeeva Organic Private Limited,Bhubaneswar**)

- Create Automation test class of new implementation on existing framework**.**
- Developed and implemented **hybrid test automation frameworks**, reducing delivery time.
- Conducted **API testing using Postman**, including creating and managing environments, and validating responses.
- Skilled in **SQL**, performing complex queries, joins, and validating data across tables to ensure database integrity and consistency.
- Understanding business requirement preparing test scenario,test data and test cases.

Projects

AUG 2020 – NOV 2022

Project Name 1 – MIS OFDC
Company Name – Orisys Infotech Private Limited,
Location - Bhubaneshwar, Odisha

- **Role**: Manual QA, **Team Size**: 20
- Responsible for integration testing, functional testing and system testing.
- Understand business requirement, preparing test scenario, test data and test cases.

NOV 2022 – DEC 2023

Project Name 2 – NEXUS
Company Name – Jeeva Organic Private Limited,
Location - Bhubaneswar, Odisha

- **Role**: Manual QA, **Team Size**: 10
- Involvement in requirement analysis, Test Design and Test Case Execution.
- Analysis of findings and preparing test logs.

JAN 2023 – OCT 2024

Project Name 3 – ASTERDocs
Company Name – Jeeva Organic Private Limited,
Location - Bhubaneshwar, Odisha

- **Role**: Automation + Manual QA, **Team Size**: 18
- Developed a document management system for vendor management and compliance, reducing manual errors and improving sourcing cycles by 200%

MAR 2024 – OCT 2024
Project Name 4 – FIND SUPPLIERS
Company Name - Dietary Business Intelligence Private Limited,
Location - Bhubaneshwar, Odisha

- **Role**: Automation + Manual QA, **Team Size**: 15
- Analysis of user story of each sprint and creating test scenario and preparing test data and test case .

Education

AUG 2010 – MAY 2013
Master In Computer Application (MCA)/Orissa Computer Academy,BBSR
University - Biju Patnaik University of Technology Rourkela Odisha with CGPA :- 7.1

AUG 2006 – MAY 2009
Bachelor of Science (B.Sc)/Khaira College Khaira,Balasore
University – F.M. University,Balasore, Odisha with Percentage :-60%

AUG 2004 – MAY 2006
CHSE/Agarparda College,Agarparda, Odisha
Council Of Higher Secondary Education with Percentage :-46%

AUG 2002 – MAY 2004
Matriculation/10th/Balipokhari High School,Telnati,Bhadrak
Board of Secondary Education (BSE),Odisha with Percentage :-50%

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Shantanu Kumar Muduli