**ANIL KUMAR**  **UTTARKABAT**

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**TECHNICAL SKILLS**

•  **Testing Types**: Functional Testing, Regression Testing, Integration Testing, Usability Testing, Smoke Testing, Manual  Testing, Automation Testing, API Testing, Sanity Testing, Database Testing, Unit Testing, Black-box testing, System Testing.

•  **Tools and Frameworks**:Selenium WebDriver, TestNG, JUnit, JIRA, Jenkins, JMeter, Postman, SQL/MySQL, Cucumber.

• **Skills and Concepts**:Test Case Creation, Test Execution, Defect Tracking, Bug Reporting, Test Plans, Test Scripts, Quality Assurance, Performance Testing, Data Validation, Test Scenarion, Load Testing, Stress Testing, Continuous Integration.

* **Methodologies**:Waterfall, Agile, Scrum, SDLC Life Cycle, STLC Life Cycle.
* **Programming Languages**:Java.

**PROJECTS**

**1.** **OrangeHRM Project****(**[**https://github.com/AnilKumar15042001/OrangeHRM.git**](https://github.com/AnilKumar15042001/OrangeHRM.git)**)**

**Project Overview**:

Open-source HR management system focusing on modules like Employee Information Management, Leave Management, Time and Attendance, Recruitment, and Performance Management.

**Role** **Actions****:** **Test Engineer**

* Developed **100+** test plans and cases for **functional**, **regression**, and **integration testing**.
* Executed comprehensive  manual testing on **5** key HR modules.
* Performed usability testing on **5** key modules, resulting in a **20%** improvement in user satisfaction scores.
* Created **70+** critical test scenarios using **Selenium WebDriver** and **TestNG**.
* Logged and tracked **20+** defects in **JIRA**, ensuring timely resolution.
* Partnered with developers, reducing defect resolution time by **30%**.

**Achievements:**

* Reduced critical post-release defects by **40%** through rigorous testing and effective defect management.
* Streamlined regression tests, reducing manual testing effort by **50%** and improving overall testing efficiency.
* Enhanced system response times by **20%** during peak loads, ensuring a smooth and responsive user experience.

**Technologies** **Employed****:** Selenium WebDriver, TestNG, JMeter, JIRA, Jenkins, Java, MySQL.

**2. OpenCart E-commerce Platform Testing(**[**https://github.com/AnilKumar15042001/OpenCart.git**](https://github.com/AnilKumar15042001/OpenCart.git)**)**

**Project Overview**:

Engineered an e-commerce platform with features for intuitive user interface and powerful customization options, enhancing store setups and user satisfaction.

**Role** **Actions**: **Test Engineer**

* Designed and executed **150+** manual test cases for key modules like product listings, shopping cart, checkout process, payment gateway integration, and order management.
* Scripted **60+** test scripts with **Selenium WebDriver****.**
* Organized **50+** test cases and produced comprehensive reports using **TestNG**.
* Managed **25+** defects in **JIRA** and achieved timely resolution with developers.
* Validated user interfaces and system workflows, achieving **95%** test coverage.
* Assisted Agile ceremonies, facilitating **20%** faster decision-making and issue resolution.

**Achievements:**

* Decreased critical bugs post-deployment by **30%**.
* Improved page load times by **20%** during high-traffic events.
* Accelerated release cycle by **50%** through automated regression testing.

**Technologies** **Employed**: OpenCart, Selenium WebDriver, TestNG, JIRA, JMeter, Postman, Jenkins, MySQL.

**EDUCATION**

**Master of Computer Applications (M.C.A.)** **11/2021 - 06/2023**

Gandhi Institute for Technological Advancement (GITA). Bhubaneswar, Odisha