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)
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)
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