# ANIL KUMAR UTTARKABAT

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## TECHNICAL SKILLS

- **Testing Types**: Functional Testing, Regression Testing, Integration Testing, Usability Testing, Smoke Testing, Manual Testing, Automated Testing, API Testing.
- **Tools and Frameworks**:Selenium WebDriver, TestNG, JUnit, JIRA, Jenkins, JMeter, Postman, SQL/MySQL.
- **Skills and Concepts**:Test Case Creation, Test Execution, Defect Tracking, Bug Reporting, Test Plans, Test Scripts, Quality Assurance, Performance Testing, Data Validation.
- **Methodologies**:Waterfall, Agile, Scrum.
- **Programming Languages**:Java.

## PROJECTS

### 1. OrangeHRM Project

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

**Role Responsibilities**: Software Tester
- Crafted **100+** test plans and cases for **functional**, **regression**, and **integration testing**.
- Executed manual testing on **5** key HR modules.
- Conducted usability testing to ensure a user-friendly interface.
- Automated **70+** critical test scenarios using **Selenium WebDriver** and **TestNG**.
- Documented and tracked **20+** defects in **JIRA**.
- Collaborated with developers, reducing defect resolution time by **30%**.

**Achievements:**
- Reduced critical post-release defects by **40%**.
- Automated regression tests cut manual testing effort by **50%**.
- Improved system response times by **20%** during peak loads.

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

### 2. OpenCart E-commerce Platform Testing

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

**Role Responsibilities**: Software Tester
- Developed and executed **150+** manual test cases for key modules like product listings, shopping cart, checkout process, payment gateway integration, and order management.
- Automated **60+** test scripts with **Selenium WebDriver.**
- Organized test cases and generated reports using **TestNG**.
- Tracked **25+** defects in **JIRA** and ensured timely resolution with developers.

**Achievements:**
- Reduced 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 Used**: 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.