

Dnyaneshwari Takalkar *Quality Analyst*

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QA Professional skilled in manual testing, with expertise in writing test cases, test scenarios, and executing test plans to ensure software quality. Experienced in functional, UI/UX, regression, compatibility, and security testing, along with database validation using SQL. Proficient in JIRA for test management and well-versed in SDLC, STLC, and Agile methodologies.

Education

DYPIEMR Engineering College

2023

Bachelor of Computer Engineering

- CGPA: 8.19

B. V. D. High School

2017

- SSC
- 85.40 %

M. G. V. Junior College

2019

- HSC
- 63.54 %

Skills

- **Programming Languages** : Python, JavaScript
- **Manual Testing** : Test Scenario, Test Script, Test Case Writing
- **Frontend** : HTML, CSS, React.js
- **Database** : PostgreSQL, MySQL

Internships

Software Tester & QA Intern

11/2024

- **Manual Testing** : Executed detailed test cases and scenarios to ensure software functionality and quality.
- **Performance Testing**: Conducted performance and load testing using **JMeter**, ensuring application stability, scalability, and optimal response times under varying user loads and stress conditions.
- **Writing Test Cases & Test Scenarios** : Designed and documented **detailed test cases and test scenarios** to validate application functionality, ensuring comprehensive test coverage and identifying potential defects early in the development cycle.
- **JIRA for Test Management** : Utilized **JIRA** to create, manage, and track **test cases, test scenarios, and defects**, ensuring efficient test execution, defect reporting, and seamless collaboration within the testing lifecycle.
- **Agile Methodology**: Followed **Agile testing practices** within **Scrum and Kanban frameworks**, ensuring **continuous testing, iterative development, and fast feedback loops**, leading to improved software quality and faster release cycles.
- **SDLC & STLC** : Ensured software quality by integrating **Software Development Life Cycle (SDLC)** with **Software Testing Life Cycle (STLC)**, covering **requirement analysis, design, development, testing, deployment, and maintenance** while systematically executing **test planning, case design, execution**.

Projects

E-Commerce Web Application Testing

- The **E-Commerce Web Application** is an online shopping platform that enables users to **browse products, add items to the cart, make secure payments, and track orders**. The primary objective of this project is to perform **comprehensive manual testing** to ensure a **smooth, secure, and user-friendly shopping experience**. The testing covers functional, UI/UX, performance, and security aspects to **identify and fix defects before deployment**.

Learning Management System (LMS) Testing

- An **e-learning platform** that allows students to **enroll in courses, watch lectures, take quizzes, and receive certificates**. The aim of this project is to ensure a **smooth and user-friendly learning experience** through comprehensive manual testing.

Real-Time Sign Language Detection System

- The **Real-Time Sign Language Detection System** is an **AI-driven web application** that translates **sign language gestures into text or speech** using **computer vision, deep learning, and NLP**. It features a **Python-based backend, a trained machine learning model, and a web interface (HTML, CSS, SQL)** for real-time translations. **Manual testing** was conducted to validate **functionality, accuracy, performance, security, and compatibility**, ensuring seamless user interaction, reliable sign detection, and optimal system efficiency.