Cherlapelli Mahesh

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SUMMARY

Detail-oriented and highly motivated Manual Tester with strong analytical abilities and a solid understanding of the software development lifecycle (SDLC) and software testing lifecycle (STLC). Skilled in preparing and executing test cases, defect reporting, functional testing, and regression testing. Possess hands-on experience with web applications, debugging workflows, and quality assurance processes through academic projects and self-learning. Adept at identifying defects, improving application reliability, and ensuring high-quality product delivery. Strong problem-solving, documentation, and teamwork capabilities.

SKILLS

Testing Skills: Manual Testing,SDLC & STLC,Test Case Design & Execution,Functional, Integration & System Testing,Regression & Re-testing,Defect Reporting & Tracking and Bug Life Cycle
Technical Skills:
Languages: Python, Java, C, SQL
Web Technologies: HTML, CSS, JavaScript
Tools: JIRA (or similar), TestRail (or similar), VS Code, Jupyter Notebook
Databases: MySQL
Other: Technical Proficiency,Analytical Thinking,Leadership & Initiative,Teamwork and Collaboration

EDUCATION

Bachelor of Technology – Information Technology   *Nov 2022 – May 2026*
Malla Reddy Institute of Engineering and Technology   **CGPA:** 8.76
Senior Secondary (CBSE) – Candor Shrine Senior Secondary School   *2020-2022*
2020 – 2022 | 10th: 75%| 12th: 82%

PROJECTS

Early Detection of Cancer Using AI– GitHub/Repo
- Performed functional testing of the web-based diagnostic system that analyzed medical images using AI.
- Prepared test cases, validated input fields, UI components, and workflow correctness..
- Conducted boundary testing, error handling checks, and verified data visualization outputs.
- Reported UI and functional defects to developers and ensured fixes were validated.
- Ensured system accuracy across multiple datasets and validated user interaction flows.

Classification of Various Stress Levels Using HRV Analysis – GitHub/Repo
- Tested a Django-based platform for stress-level classification using physiological data.
- Designed and executed test scenarios for login, dataset upload, model prediction, and result display modules.
- Conducted database validation testing using MySQL queries.
- Performed cross-browser testing and validated responsiveness.
- Documented test logs, defect reports, and provided improvement suggestions.

CERTIFICATIONS

- Participation certification in **Generative AI & AI Agents** workshop hosted by 10000Coders-2025
- Participation certification in **Ideathon**-2024
- **Runner-Up** certification in kabaddi-Interschool Sports competition-2019
- Interested in playing-Cricket,BasketBall And Badminton

INTERESTS

- Watching Webseries, Reading Books
- Cricket, Basketball, Badminton