

Jaya Prakash Maneri Puttaparthi, Andhra Pradesh, India

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Profile Summary

Final-year B.Tech Computer Science student (2026) with strong programming fundamentals and hands-on experience in manual testing, backend development, and API validation through academic projects. Actively learning automation testing and eager to contribute as an SDET/Software Engineering Intern in a fast-paced engineering team.

Education

Bachelor of Technology (B.Tech) – Computer Science and Engineering

Sanskriti School of Engineering, Puttaparthi

2022 – 2026

CGPA: 7.32 / 10

Technical Skills

Programming Languages: Python, JavaScript, SQL, Basic Java

Testing Skills: Manual Testing, Test Case Design, Functional Testing, Regression Testing, Defect Reporting

APIs & Backend: REST APIs, FastAPI (Basics), Postman

Web Technologies: HTML, CSS, Basic React

Tools: Git, GitHub, Visual Studio Code

Core Concepts: Data Structures and Algorithms, OOP, SDLC, Agile Basics

Project Experience

SmartSlot – Intelligent Parking Management System (Final Year Project)

- Executed manual test cases for login, signup, video upload, and dashboard modules
- Validated REST API responses and backend logic using Postman
- Identified and reported functional bugs, edge cases, and validation issues
- Collaborated with team members to improve system stability and accuracy
- Worked closely with Python-based backend and computer vision workflows

Personal Health & Mood Dashboard (Academic Project)

- Performed functional and regression testing on user inputs and visual dashboards
 - Verified data consistency between frontend and backend services
 - Assisted in debugging UI and API integration issues
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Certifications & Learning

- Programming for Everybody (Python) – Coursera
 - Python Data Structures – Coursera
 - Getting Started with Git and GitHub – Coursera
 - Basics of Software Testing & Agile (Self-learning)
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Strengths

- Strong problem-solving and analytical skills
- Quick learner, open to feedback and mentorship
- Good communication and teamwork abilities
- Comfortable working in fast-paced startup environments