A.Sanjana Senapati

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EDUCATION

Vellore Institute of Technology	8.75 CGPA
Bachelor of Technology in Computer Science and Engineering	*July 2021 - July 2025*

TECHNICAL SKILLS

Programming:Python, Java, SQL, JavaScript
Testing and QA Tools: TestNG, Cypress, Postman
Bug Tracking and CI/CD: GitHub Actions, Jenkins, Docker
Databases: MySQL, PostgreSQL, MongoDB
Cloud : AWS (EC2, S3, Lambda)
Performance and Security Testing: LoadRunner, API Testing

PROJECTS

Automated Testing Framework for Web Applications | May 2024 - June 2024
- Developed a Selenium WebDriver automation framework for web applications, integrating TestNG for structured test execution.
- Implemented Page Object Model (POM) for modular and maintainable test scripts.
- Utilized Jenkins CI/CD pipeline for automated test execution and reporting.Reduced manual testing efforts by 60%, improving test coverage

E-Commerce API Test Automation | November 2023 - March 2024
- Built an API test suite using Postman and Newman, integrating with Jenkins for continuous testing.
- Automated REST API validations with PyTest and Requests module.
- Conducted performance testing using JMeter, identifying bottlenecks and optimizing response times by 30%.

Personalized Medical Recommendations with AI | August 2023 - October 2024
- Built an ML-based system to predict diseases from user symptoms.
- Built a secure web app offering personalized medicine, prescription, and workout recommendations.
- Enhanced model accuracy and engagement via feedback, using Python for patient data analysis and risk prediction with a seamless HTML frontend.

CERTIFICATIONS

AWS Certified Solution Architect	10 July, 2024
AWS	
Machine learning with python	Oct 16,2023
COGNITIVE CLASS.ai	

EXTRA-CURRICULAR AND ACHIEVEMENTS

Responsibilities |
- Core Member and Team Lead, Management Team, Odia Club, VIT Bhopal (April 2023 - May 2024) – Led cross-functional teams to enhance project efficiency and streamline operations through strategic process improvements.
- Core Member of the Technical Team, FinTech Club (January 2023 - April 2024), developed financial models and led blockchain workshops, improving club projects by 20% and member engagement by 30%.
- Achieved scholarships of 18,000 rupees and 10,000 rupees for outstanding performance in **8th NMMS** and **10th** board exam.

Achievements |
- **Core Member Recognition:** Demonstrated strategic leadership and team facilitation skills to coordinate cross-functional teams, arising in a 33% increase in project efficiency.
- Led Design Team: Successfully managed major events with budgets over Rs 1 Lakh, earning accolades within the Odia Club, Year 2024.