

HEMANTH KUMAR SUNKARI

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SUMMARY

Detail-oriented and self-motivated Computer Science undergraduate with a strong interest in software testing and quality assurance. Familiar with SDLC, STLC, and Agile methodologies, with hands-on experience in developing scalable Java-based applications. Adept at writing test cases, identifying edge cases, and applying QA best practices to enhance software quality. Eager to contribute to Wingify's QA team through both manual and automated testing.

EDUCATION

B.Tech in Computer Science(AI/ML) , Amrita Sai Institute of Science and Technology CGPA: 8.85/10	2021 - 2025 AP, India
Intermediate (MPC) , Sri Satya Sai Junior College Percentage: 97.1%	2019 - 2021 AP, India
SSC (10th) , Sri Sai Surya Public School GPA: 9.8	2018 - 2019 AP, India

SKILLS

Programming Languages	Python, Core Java, SQL, HTML, CSS
Frameworks/Libraries	Spring Boot (beginner), REST APIs, Microservices (basic understanding), JDBC
Testing Tools	JUnit, Selenium (learning), GitHub Issues, Jira (basic familiarity)
QA Concepts	Manual Testing, STLC, Test Case Writing, Bug Reporting, Boundary Value Analysis, Equivalence Partitioning
Database	MySQL
Developer Tools	Git, VS Code, Google Colab
Academic Coursework	OOP, Data Structures and Algorithms, Agile Development, Design Patterns
Certifications	Software Testing (Great Learning Academy) Generative AI (Microsoft) Agile Scrum in Practice, Python (Infosys Springboard) Python for Data Science (NPTEL) Career Edge: Young Professional (TCS) SQL (IBM) Data Visualization Program (Accenture) (View)

ACADEMIC EXPERIENCE

Team Lead Heart Disease Prediction System Academic Project	October 2024 - May 2025
<ul style="list-style-type: none">Led a team of 4 to develop a machine learning model in Python using Scikit-learn.Integrated SQL database for efficient data handling and model persistence.Practiced SDLC and Agile methodologies with effective team collaboration.Improved model accuracy by 20% through robust feature engineering and data cleaning.Built dashboards for transparent model insights. (Project Link)	

PROJECTS

Food Website: Developed a responsive, menu-driven web application with HTML, CSS, and JS. (Project Link)
Inventory Management System (Java + MySQL): Built a CLI-based tool using Core Java, JDBC, and MySQL. Practiced Agile, version control (Git), and basic test automation with JUnit. Wrote test cases and tracked bugs using Trello and GitHub Issues. (Project Link)
Portfolio Website: Created a personal portfolio with optimized UI and fast loading time. (Project Link)
GameHub: Designed and implemented 6+ modular games using OOP in Python. (Project Link)

ACHIEVEMENTS

- Top 3 in Andhra Pradesh, National Leadership Competition; presented tech solutions for “Viksit Bharat” at Bharat Mandapam, Delhi.
- 90%+ scorer in Mathematics Olympiad (First & Junior levels).
- Participant in International English Olympiad – Strong verbal communication and presentation skills.