

HEMANTH KUMAR SUNKARI

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SUMMARY

Computer Science (AI/ML) graduate skilled in Python, SQL, and SDLC practices. Experienced in requirement analysis, debugging, and delivering clean, testable code. Strong in communication, data interpretation, and working collaboratively in Agile teams.

TECHNICAL SKILLS

Languages	Python, SQL, HTML, CSS, JavaScript
Frameworks	Flask, Bootstrap, Tailwind CSS
Developer Tools	Git, GitHub, VS Code, Vercel, Render, Chrome DevTools
Databases	MySQL
Tools & Libraries	Microsoft Office (Excel, Word, PowerPoint), Scikit-learn, Pandas, NumPy, NLTK, REST APIs
Core Competencies	SDLC, Requirement Analysis, Testing & Debugging, Documentation, Problem Solving, Data Interpretation, Agile Collaboration

PROJECTS

Heart Disease Predictor (Flask, Scikit-learn, Bootstrap) | Academic Project | Team Lead ([Repo](#))

- Leading a team of 4 in developing a machine learning model for heart disease prediction, achieving high accuracy by applying Python, NumPy and Scikit-Learn.
- Enhanced model reliability and accuracy by 20% through data pre-processing (cleaning, feature selection) and the implementation of advanced feature engineering techniques.
- Analyzed and visualized 1,000+ data points to identify key risk patterns, improving heart disease prediction accuracy by reducing false positives.
- Developed essential soft skills in teamwork, communication, problem solving, project management, adaptability, leadership, and a strong work ethic that contribute significantly to my professional growth.

Smart Resume Analyzer (React, Flask, NLP) | Personal Project ([Repo](#))

- Designed and implemented a resume-parsing system using NLP to extract structured fields and match them to job roles based on similarity logic.
- Developed backend services in Flask, covering API design, test scenarios, validation checks, and debugging for accuracy improvements.
- Ensured consistent data interpretation, reduced mismatches by applying rule-based validation, and documented workflows for each module.

Personal Portfolio Website (HTML, CSS, JavaScript) ([Repo](#))

- Developed and deployed a responsive personal portfolio website using HTML, CSS, and JavaScript to present projects and skills in a clean, structured format.
- Improved UI performance by testing layouts, debugging responsiveness issues, and optimizing load behavior across different devices and screen sizes.
- Ensured quality by validating components, organizing modules, and documenting the design workflow.

EDUCATION

B.Tech in Computer Science(AI/ML) , Amrita Sai Institute of Science and Technology CGPA: 8.94/10	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

CERTIFICATIONS

- Career Edge Young Professional - TCS ION
- Python, Agile Scrum in Practice – Infosys Springboard
- Python for Data Science – NPTEL
- SQL – IBM
- Data Visualization Program – Accenture

ACHIEVEMENTS

- National Finalist: Presented tech solutions at Viksit Bharat event, Delhi
- High Scorer: International English Olympiad (Strong Verbal Communication)
- 90%+ scorer in Mathematics Olympiad (First & Junior levels)