

# HEMANTH KUMAR SUNKARI

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LinkedIn

GitHub

Portfolio



## 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

<b>Languages</b>	Python, SQL, HTML, CSS, JavaScript
<b>Frameworks</b>	Flask, Bootstrap, Tailwind CSS
<b>Developer Tools</b>	Git, GitHub, VS Code, Vercel, Render, Chrome DevTools
<b>Databases</b>	MySQL
<b>Tools &amp; Libraries</b>	Microsoft Office (Excel, Word, PowerPoint), Scikit-learn, Pandas, NumPy, NLTK, REST APIs
<b>Core Competencies</b>	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

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<b>B.Tech in Computer Science(AI/ML)</b> , Amrita Sai Institute of Science and Technology CGPA: 8.94/10	<b>2021 - 2025</b> AP, India
<b>Intermediate (MPC)</b> , Sri Satya Sai Junior College Percentage: 97.1%	<b>2019 - 2021</b> AP, India
<b>SSC (10th)</b> , Sri Sai Surya Public School GPA: 9.8	<b>2018 - 2019</b> AP, India

## CERTIFICATIONS

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- 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

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- 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)