

# HEMANTH KUMAR SUNKARI

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## SUMMARY

Enthusiastic Computer Science undergraduate with hands-on experience in Java, SQL, and Python. Passionate about software development with a strong foundation in data structures, algorithms, and OOP. Familiar with Angular and cloud technologies like AWS. Experienced in Agile development, team collaboration, and problem-solving across full software development cycles. Eager to contribute to innovative and scalable engineering solutions in a fast-paced environment.

## EDUCATION

**B.Tech in Computer Science(AI/ML)**, Amrita Sai Institute of Science and Technology **2021 - 2025**  
CGPA: 8.85/10 AP, India

**Intermediate (MPC)**, Sri Satya Sai Junior College **2019 - 2021**  
Percentage: 97.1% AP, India

**SSC (10th)**, Sri Sai Surya Public School **2018 - 2019**  
GPA: 9.8 AP, India

## SKILLS

<b>Programming Languages</b>	Python, Java, SQL, HTML, CSS
<b>Frameworks/Libraries</b>	Flask, Angular (basic), NumPy, Pandas, Scikit-learn, Matplotlib
<b>Cloud Technologies</b>	AWS (basic exposure), Azure ML Studio (in progress)
<b>Databases</b>	MySQL
<b>Developer Tools</b>	Git, Microsoft Office (Excel, Word, PowerPoint), Google Colab, VS Code, Anaconda
<b>Academic Coursework</b>	Data Structures, Algorithms, OOP, SDLC, Agile Development, DBMS
<b>Certifications</b>	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) ( <a href="#">View</a> )

## ACADEMIC EXPERIENCE

**Team Lead | Heart Disease Prediction System | Academic Project** **October 2024 - May 2025**

- 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):** Designed and implemented a CLI-based inventory tracker using Java and MySQL. Applied OOP principles, data handling via JDBC, and version control with Git. Added basic CRUD operations and ensured modular architecture for scalability. ([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.