

# HEMANTH KUMAR SUNKARI

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## SUMMARY

Computer Science undergraduate skilled in both front-end and back-end web development. Proficient in building scalable RESTful APIs using Java and MySQL, and developing dynamic user interfaces with HTML, CSS, JavaScript, and React.js. Familiar with Django and cloud services (AWS), with hands-on experience in Agile development, version control (Git), and software design principles. Eager to contribute to fast-paced engineering teams through critical thinking, adaptability, and strong coding practices.

## EDUCATION

**B.Tech in Computer Science(AI/ML)**, Amrita Sai Institute of Science and Technology **2021 - 2025**  
CGPA: 8.94/10 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, Core Java, JavaScript, SQL, HTML, CSS
<b>Frameworks/Libraries</b>	Flask, React.js, Django, Spring Boot (beginner), REST APIs, JDBC
<b>Database</b>	MySQL, RDBMS
<b>Cloud Technologies</b>	AWS (basic exposure)
<b>Developer Tools</b>	Git, VS Code
<b>Concepts</b>	Data Structures and Algorithms, OOP, Agile Development, Design Patterns
<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> )

## PROJECT 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:** Built responsive UI using HTML, CSS, JavaScript with modular design. Mimicked React-style component development and reusable UI logic. Focused on user-facing performance and responsive design. ([Project Link](#))

**Inventory Management System (Java + MySQL):** Developed RESTful APIs to handle CRUD operations and backend logic. Applied object-oriented design and SQL integration using JDBC. Used Git for version control and followed Agile release cycles. Simulated backend microservices and API endpoints. ([Project Link](#))

**Portfolio Website:** Designed personal portfolio emphasizing UX and fast load time. Built frontend structure mimicking SPA architecture. ([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.