

HEMANTH KUMAR SUNKARI

+91 9581682938

hemanthkumarsunkarii@gmail.com

in LinkedIn

GitHub

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

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

- 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.