HEMANTH KUMAR SUNKARI

☎ +91 9581682938   ✉ hemanthkumarsunkarii@gmail.com   in LinkedIn   ⚙ GitHub

SUMMARY

Highly motivated computer science graduate with strong programming, data structures, algorithms, and communication skills. Looking for an entry-level role to apply technical skills, expand knowledge, and contribute to impactful projects.

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, HTML, CSS
Frameworks/Libraries	NumPy, Pandas, Matplotlib
Databases	MySQL
Developer Tools	Microsoft Office (Word, Excel,PowerPoint), Google Colab, VS Code, Anaconda
Academic Coursework	Data Structures, Operating Systems (Windows), AI, ML, OOP, DBMS
Certifications	Generative AI (Microsoft) | 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

- 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. (Project Link)

PROJECTS

Food Website: Developed a fully responsive food website utilizing HTML, CSS, and JavaScript; incorporated interactive features such as menus and contact forms that increased user engagement .(Project Link)

Portfolio Website: Engineered responsive layout techniques within the development of an individual project gallery on the portfolio site which reduced loading times by under three seconds enhancing overall user satisfaction during browsing experiences. (Project Link)

GameHub: Created GameHub, a Python project featuring 6 games (GK Quiz, Tic Tac Toe, Hangman, Anagram Solver, etc.) using modular OOP for scalability, stability, and bug resolution through testing. (Project Link)

ACHIEVEMENTS

- Scored over 90% in Mathematics Olympiad First and Junior levels, demonstrating analytical aptitude and proficiency in complex calculations.
- Received a participation certificate in the International English Olympiad, demonstrating proficiency in English.
- Secured the top 3 ranking of Andhra Pradesh in a national leadership competition with quiz, essay, presentation, and jury rounds. Presented "Tech for Viksit Bharat" at the national event held at Bharat Mandapam, Delhi.