HEMANTH KUMAR SUNKARI

📞 +91 9581682938   ✉ hemanthkumarsunkarii@gmail.com   in LinkedIn   ⌗ GitHub

SUMMARY

Detail-oriented and curious Computer Science undergraduate with hands-on experience in the software development life cycle (SDLC), backend system design, and cross-functional collaboration. Proficient in Java, SQL, and RESTful API development with exposure to cloud services and Agile methodologies. Adept at gathering requirements, translating them into technical designs, and building sustainable, scalable solutions. Strong communicator and team collaborator with a passion for learning and contributing to impactful projects that align with business goals. Seeking to contribute to Dow's success as an Associate Information Technology Analyst.

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, Core Java, SQL, HTML, CSS
Frameworks/Libraries	Spring Boot (beginner), REST APIs, Microservices (basic understanding), JDBC
Cloud Platforms	AWS (basic exposure), Google Colab
Database	MySQL
Tools and Concepts	Git, VS Code, SDLC, Agile, Requirements Gatherings, OOP, Data Structures, System Design
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 4-member team to develop a machine learning model using Python (Scikit-learn).
- Conducted business requirement analysis and integrated SQL for backend data handling.
- Practiced Agile and SDLC principles; collaborated on technical design and modular implementation.
- Created transparent dashboards and documented functional designs for future scalability.
- Improved model accuracy by 20% through data cleaning and feature engineering. (Project Link)

PROJECTS

Food Website: Developed a responsive, interactive web app with HTML, CSS, and JS. (Project Link)

Inventory Management System (Java + MySQL): Built CLI-based backend application using Core Java and MySQL (JDBC). Designed RESTful API structure and documented all endpoints. Gathered and translated functional requirements into scalable modules. Practiced Agile with Git versioning, iterative delivery, and code review sessions.(Project Link)

Portfolio Website: Designed personal portfolio with optimized UI/UX and minimal loading time. (Project Link)

GameHub: Implemented 6+ modular games in Python using OOP principles. (Project Link)

ACHIEVEMENTS

- Presented innovative tech solutions at Bharat Mandapam, Delhi as a Top 3 Finalist in Andhra Pradesh, National Leadership Competition (Viksit Bharat).
- 90%+ scorer in Mathematics Olympiad (First & Junior levels).
- Participant in International English Olympiad – Strong verbal communication and presentation skills.