SAI HARSHITH REDDY SANKALAMADDI

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PROFESSIONAL SUMMARY

Result-oriented Computer Science undergraduate (Class of 2026) with a 7.9 CGPA and a strong foundation in Data Analytics and Software Development. Proficient in Python, SQL, and Java, with hands-on experience in building analytical applications. Proven ability to translate business requirements into technical solutions. Eager to join Deloitte USI as an Analyst Trainee, leveraging skills in data processing, problem-solving, and object-oriented programming.

EDUCATION

Avanthi Institute of Engineering & Technology (Expected Graduation: 2026)

Bachelor of Technology (B.Tech) – Computer Science (Data Science)

CGPA: 7.9 / 10.0 (Current)

- Relevant Coursework: Database Management Systems (DBMS), Operating Systems, Computer Networks, Data Structures & Algorithms (DSA), Object-Oriented Programming.

TECHNICAL SKILLS

- **Languages:** Python (High Proficiency), SQL (Advanced), Java, C, JavaScript.
- **Data & Analytics:** Data Cleaning, Exploratory Data Analysis (EDA), Predictive Modeling, NumPy, Pandas.
- **Core Fundamentals:** SDLC, Agile Methodology, OOPs Concepts, Relational Database Design.
- **Web & Tools:** HTML5, CSS3, React, Git (Version Control), VS Code, MS Excel (Intermediate).

PROJECTS

Nutrition Data Calculation & Analysis System | Python, REST APIs, OOP

- Engineered a data-driven application to analyze and track daily nutritional intake, providing users with actionable health insights.
- Implemented complex algorithmic logic to calculate caloric values and macro/micronutrient distribution with high precision.
- Integrated third-party REST APIs to fetch real-time food data, ensuring an up-to-date database for user queries.
- Optimized code performance using Object-Oriented Programming (OOP) principles, reducing data retrieval time.

Customer Behavior Prediction Model | Python, Machine Learning (Pandas, Scikit-Learn)

- Developed a predictive model to analyze customer datasets and forecast potential engagement trends using logistic regression.
- Performed data cleaning and preprocessing on raw data using Python to ensure accuracy in analysis.
- Visualized key data trends using Matplotlib to assist in decision-making processes.

Retail Business Feasibility Study (Strategic Case Study) | Business Analysis & Strategy

- Conducted a market feasibility study for a retail F&B venture, analyzing competitor pricing and demographic data.
- Designed business strategies for brand positioning and calculated break-even points to assess financial viability.
- Modeled projected revenue scenarios using Excel to determine profitability timelines.

CERTIFICATIONS

- Python for Data Science – Udemy
- SQL Fundamentals – HackerRank