SAI HARSHITH REDDY SANKALAMADDI

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PROFESSIONAL SUMMARY

A motivated Computer Science Engineering undergraduate with a strong foundation in software development, data structures, algorithms, and database systems. Demonstrated ability to translate problem statements into efficient technical solutions through academic projects. Skilled in Python, Java, SQL, and web technologies, with a keen interest in technology consulting and enterprise application development.

EDUCATION

Avanthi Institute of Engineering & Technology
Bachelor of Technology (B. Tech) – Computer Science Engineering | Expected 2026
CGPA: 7.9

CORE COMPETENCIES & SKILLS

• **Programming Languages:** Python, Java, C, JavaScript
• **Computer Science Fundamentals:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Problem Solving
• **Web Development:** HTML5, CSS3, JavaScript, React
• **Databases & Querying:** SQL, MySQL, Database Design, Joins
• **Software Engineering:** SDLC, Agile Methodology, Debugging, Code Optimization

ACADEMIC PROJECTS

Nutrition Calculation & Analysis System

• Designed and developed a software application to analyze daily nutritional intake.
• Implemented algorithmic logic to calculate calories, macronutrients, and micronutrients.
• Applied Object-Oriented Programming principles to ensure modular and maintainable code.
• Integrated third-party food and nutrition REST APIs.
• Performed validation, exception handling, and performance optimization.

CERTIFICATIONS