SAICHARAN BAGADI

Pendurthi, Visakhapatnam, Andhra Pradesh

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Professional Summary

Aspiring Software Developer skilled in C, C++, Python, and full-stack web development. Experienced in building scalable applications, database management, and healthcare research. Strong foundation in Data Structures and Algorithms, OOP, and REST APIs with proven ability to collaborate in Agile team projects and deliver high-quality software solutions.

Education

SRM University, Vijayawada   August 2023 May 2027
B.Tech, Computer Science CGPA: 7.88

Sri Chaitanya Junior College, Vizag   June 2021 May 2023
MPC 89.1%

Dr KKR Gowtham School, Vizag   March 2021
SSC 95.66%

Work Experience

Web Development Intern CodeClause   July 2025 - August 2025
Built and deployed responsive web applications using HTML, CSS, JavaScript, and Flask, improving load time by 20%.
Implemented secure user authentication and database integration, enabling reliable storage and retrieval of 100+ records.
Collaborated in an Agile team environment, contributing to feature enhancements and bug fixes.

Research Intern SRM University AP   June 2025 - July 2025
Conducted research on brain tumour detection using imaging and machine learning methods.
Applied data analysis techniques and Python-based ML libraries to identify tumour patterns in medical datasets.
Documented findings in research reports, improving clarity of methodologies for academic use.

Academic Projects

E-Commerce Website HTML, CSS, JavaScript, Flask, SQLite   February 2025
Developed marketplace with authentication, ads, and chatroom.

Bank Management System Python, SQLite   March 2024
Built CLI system for accounts, deposits, and transfers.

Skills

Programming Languages: C, C++, Python, JavaScript, HTML, CSS
Frameworks and Libraries: Flask, ReactJS
Databases: SQLite, Database Management Systems (DBMS)
Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA
Core Competencies: Data Structures and Algorithms, OOP, REST APIs, Agile, Software Engineering, Debugging, Testing, Version Control, Problem Solving