

T Sai Pavani

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Education

JSS Science and Technology University
BE in Information Science and Engineering

2022 - 2026 (Expected)
CGPA - 9.23 (including 5th sem)

Sadvidya Semi Residential PU College
Pre University - Karnataka PUE

2020 - 2022
Aggregate - 97.5%

Amrita Vidyalayam, Mysore
Class X - CBSE Board

2019 - 2020
Aggregate - 89.2%

Projects

ClarityAI - AI Powered Summarization & Q&A Platform

github.com/saipavani11/summary-generator

- Developed a full-stack GenAI platform (ClarityAI) using FastAPI, React, and MongoDB, enabling efficient summarization of diverse content (PDFs, text, audio). Implemented secure JWT authentication, supporting personalized Q&A, chat history, and seamless API integrations to enhance user experience.

Snake Game – C# WPF Desktop App

github.com/saipavani11/snake-game

- Designed and implemented a classic Snake game in C# and WPF, showcasing strong object-oriented programming skills. Engineered the complete game loop, including real-time movement controls, random food logic, and robust collision detection. Crafted a clean UI with XAML and packaged the application as a standalone executable (.exe) for easy distribution.

Lara's Restaurant

github.com/saipavani11/projectify

- Created a responsive website to explore and simulate restaurant menu bookings using HTML, CSS, JS. Focused on clean UI design, layout structuring, and enhancing user experience on static pages.

Achievements

Workshops and Courses

- Completed certified JavaScript course by GDSC, JSSSTU
- Attended DevFest workshop and Projectify hackathon (GDSC & LCC, JSS STU)

Arts and Achievements

- 2nd Place – T-shirt Designing Competition, Digital Painting (Editorial Board, JSS STU)
- Successfully lead our team to secure 2nd position out of 37 groups in Treasure Hunt in Aarohan19, Amrita School of Engineering, Bangalore – 2017
- Bharatanatyam: Certified (Junior & Senior Grades), Classical Singing: Certified (Junior Grade)

Technical and Soft Skills

Programming Languages: C, C++, Java, Python, C#

Frameworks, Tools & Technologies: HTML, CSS, MERN, FastAPI, RESTful APIs, JWT, Postman, Git, GitHub

Operating systems: Ubuntu, Windows

Core concepts : DSA, Computer Networks, Operating Systems, Data Mining, Cloud Computing, System Software and Compilers (basics)

Soft skills : Problem solving, Adaptability, Teamwork, Time management

Languages and Interest

Languages: English, Telugu, Kannada, Hindi

Hobbies/ Interests: Digital Painting, Reading books, Listening to music