Santhosh S

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Profile

Aspiring AI and Data Science Engineer currently pursuing B.Tech ⬈ in Artificial Intelligence and Data Science, with hands-on internship experience in developing intelligent applications and machine learning solutions. Skilled in Python, SQL, Deep Learning, Generative AI, and LLM-based systems, with practical exposure to chatbot development, recommendation systems, and predictive modeling. Experienced in end-to-end project development including API integration, database management, and deployment. A proactive learner with strong analytical thinking and teamwork skills, committed to building scalable and impactful AI-driven solutions.

Education

2023 — 2027	**B-Tech,** *Rajalakshmi Institute of Technology*	Chennai, India
2021 — 2023	**Higher Secondary,** *Velammal Vidhyashram*	Chennai, India
01/2026 — Present	**AI and Data Science Program,** *IIT Indore (Intellipaat)*	Indore, India

Technical Skills

Python • C Programming • SQL • JavaScript • Machine language • HTML • CSS • Generative AI • Deep Learning • Computer Vision • Fast API • Lang Chain & RAG • Hugging Face and LLM's

Soft Skills

Effective Communication	Willingness to Upskill
Analytical Thinking	Team Player
Active Listening	Adaptablity
Leadership	

Professional Experience

10/2025 — 11/2025	**AI Intern,** *Here and Now AI, Chennai* Completed an AI Internship at Here and Now AI, gaining hands-on experience in developing and deploying intelligent models.Worked on real-world projects involving data preprocessing, model training, and performance optimization.Enhanced practical understanding of AI workflows and collaborative problem-solving in a professional environment.

01/2026 – 04/2026	**AI Intern,** *Spinacle, Chennai*

AI Intern, *Spinacle, Chennai*
Completed an AI Internship at Spinacle, gaining hands-on experience in building intelligent, real-world applications. Worked on projects including a Zomato Telegram Agent Bot, a music listening and editing platform with an AI-powered chat assistant, and a concert ticket booking application. Involved in end-to-end development covering backend logic, API integration, and user interface design. Strengthened skills in problem-solving, application deployment, and collaborative development within a professional environment.

Certificates

Digital Skills in Artificial Intelligence
Accenture

Data Analysis
Infosys

Artificial Intelligence
HP Life

Mongo DB Basics
Mongo Db

AI and Data Scientist
One Road Map

Gen AI Data Analytics
Forage - Tata

Fundamentals of ML and AI
AWS

SOAR AI For Educators
Skill India - Microsoft

Conferences Attended

FLARECAST
Attended Paper Conference at Jaipur, Amity University. On Forecasting Latent Autoimmune Responses through Real-Time Cell Animation & Spatio-Temporal Tracking

Projects

Diabetes Prediction using Automated and Explainable Machine Learning Technique
Developed a diabetes prediction model leveraging automated machine learning pipelines with integrated explainable AI (XAI) techniques to enhance model transparency, improve diagnostic accuracy, and support informed medical decision-making (Mini Project).

Nova Voice AI Assistant
This project allows users to interact with an AI via both voice and text , providing real-time answers in a conversational, human-like manner.We focused on making the experience friendly , engaging , and interactive, with support for different speaking styles .The assistant remembers previous interactions , making conversations more context-aware and personalized.

Voice Chatbot
Built a fully functional **AI Chatbot Widget** for Absolute App Labs, featuring a responsive UI, floating chat icon, and smooth open/close animations. Engineered the widget using HTML, CSS, and JavaScript while integrating it with backend AI APIs for dynamic, real-time user interactions. Ensured performance optimization, clean deployment, and compatibility across modern browsers, improving customer support automation and user experience.

Hunger Bot — AI-Based Telegram Food Assistant
Developed a Telegram-based intelligent food ordering and recommendation bot using Python and SQLite. Implemented personalized repeat-order logic by leveraging user order history to recommend previously ordered restaurants and items. Integrated multi-provider data sources (Apify, MCP, Mock dataset) with fallback handling for high reliability. Designed modular, object-oriented architecture and collaborated on API integration, database management, and system optimization.