

# SIDHANTH S

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## Professional Summary

CSE undergraduate graduating in 2027 with hands-on experience building full-stack applications using React, Java, Python, REST APIs, and cloud deployment workflows. Strong in Data Structures, Algorithms, and OOP, with exposure to AI/ML and LLM-based applications. Eager to build reliable, user-focused software in fast-paced engineering teams.

## Education

### RMD Engineering College

2023 – 2027

Bachelor of Engineering in CSE (AI Honors)

CGPA: 7.97/10.0, Chennai, Tamil Nadu

### Velammal Matric HR Sec School

2022 – 2023

12th Grade - MPC

Percentage: 90.3%, Chennai, Tamil Nadu

## Experience

### Infosys Springboard Internship 5.0

Feb 2025 – Apr 2025

AI/ML Intern

Remote

- Trained Prophet models on 5 years of historical market data, achieving under 2% MAPE in electricity demand and price forecasting
- Built an interactive React dashboard using Chart.js to visualize seasonal forecasting trends.
- Deployed a full-stack application serving ML predictions via a Flask REST API to a responsive React UI.

## Projects

### CampusVidhya — Enterprise Academic Workflow Platform

Ongoing

- Built a production-grade multi-role platform (7 roles, **800+** users) on **Azure** for **RMD Engineering College**, replacing paper-based academic workflows with a secure, auditable digital system.
- Implemented a configurable approval engine for OD and leave requests with dynamic role chains and tamper-evident audit trails.
- Set up a **GitHub Actions** CI/CD pipeline that automatically builds, tests, and deploys to **Azure** on every push to main — eliminating manual deployments for an **800+** user production system.

### InfinIA — Intelligent Chat AI

Perplexity Hackathon · 2025

- Built a production-ready **LLM chat platform** with **React** and **FastAPI**, delivering persona-aware responses via structured system prompts.
- Validated with **60+** users — **80%+** reported strong engagement; engineered JSON-safe orchestration with prompt-injection-safe parsing.

## Technical Skills

- Languages:** Java, JavaScript, Python, C++, C, SQL
- Core Concepts:** Data Structures & Algorithms, OOP, DBMS, REST APIs
- Web Development:** HTML, CSS, React.js, Node.js
- AI/ML & GenAI:** PyTorch, Scikit-learn, NLP, LLM Applications, RAG, Graph RAG
- Cloud & DevOps:** AWS, Azure, Git, GitHub, GitHub Actions, CI/CD, Postman

## Certifications

- ServiceNow Certified System Administrator (CSA)
- Oracle Cloud Infrastructure Certified Foundations Associate 2025
- CS50x: Introduction to Computer Science - Harvard via edX, Jul 2024

## Achievements & Leadership

- Led the college's first-ever CTF event (100+ participants), fostering junior participation.
- Mentored peers in project development, promoting **open-source** and collaborative practices.
- Built the official **college symposium website** and contributed to ERP initiatives, enabling collaborative development.