

# CHODAVARAPU SRINIDHI

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[github.com/Srinidhi-Chodavarapu](https://github.com/Srinidhi-Chodavarapu)

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## SUMMARY

As a 3rd-year Computer Science Engineering student specializing in Data Science, I'm passionate about solving real-time technical challenges. I adapt quickly, thrive in dynamic environments, and am eager to contribute to scalable software and data-driven solutions. I'm seeking an opportunity to enhance my coding and problem-solving skills in a collaborative, fast-paced setting.

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## SKILLS AND INTERESTS

- **Technologies:** Python, C, C++, Java
- **Database:** MySQL, MongoDB
- **Web Technologies:** HTML, CSS, MERN
- **Soft skills:** Quick learner, Public Speaking

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## PROJECTS

### Research Paper LLM

Apr 2024 – Aug 2024

Technology Stack: Python, MERN stack, llama3 model

Semester project

- Implemented Retrieval-Augmented Generation (RAG) alongside the llama3 language model for answering queries based on research papers
- Utilized the llama3 model for generating concise summaries of complex research content.
- Developed an interactive MERN-based front-end.

### RAM Data Analysis and Malware Detection System

Nov 2023 – Mar 2024

Technology Stack: Python, JavaScript

Semester project

- Designed a specialized scanner to extract RAM data from Windows systems.
- Utilized the Volatility 3 open-source framework for comprehensive RAM data analysis.
- Implemented a machine learning model to identify malicious content in the analyzed data.

### Bank Management system

Dec 2021 – Mar 2022

Technology Stack: Python, MySQL

12th Grade CS Project

- Designed a Bank management System in MySQL interfaced with Python.

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## EDUCATION

### Keshav Memorial Institute of Technology

Nov 2022 - June 2026

B.Tech CSE (DATA SCIENCE)

CGPA: 9.48

### Sri Sathya Sai Higher Secondary School

June 2010 - June 2022

12th grade : 97%

10th grade : 96.8%

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## ACHIEVEMENTS

- **Hackathons:** Won Smart India Hackathon at College Level.
- Secured Gold Medals in various Science and English Olympiads
- Participated and Won various elocution and essay writing competitions.
- *Published poetry in magazines during high school.*
- *Was a part of the school band in high school.*