





# Karri J A D S Sravani

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## Professional Summary

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Final year undergraduate in Computer Science with a strong foundation in C++, object-oriented programming (OOP), data structures, back-end development (Node.js) and software development. Proficient in coding, databases, can work with cross-functional teams in agile environments.

## Education

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2021 - 2025	<b>Bachelor's Degree in Computer Science</b> , SRM AP University, CGPA: 8.61/10
2021	<b>Class 12th</b> , Tirumula Jn College, 958/1000
2019	<b>Class 10th</b> , Bhashyam Public School, 10 CGPA

## Skills

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<b>Programming:</b>	C++, C, Python,SQL
<b>Tools:</b>	Git,Visual Studio Code
<b>Technical Skills:</b>	Data Structures, OOP, Algorithms, Machine learning, Rest APIs, MongoDB, Software Development(SDLC)
<b>Soft Skills:</b>	Analytical Thinking, Problem Solving, Communication, Teamwork, Attention To Detail

## Projects

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### Social Media App

[Link to Demo](#)

- Built a social media clone using the **MERN stack** (MongoDB, Express.js, React, Node.js) with core features such as posting, commenting, and live messaging.
- Integrated **socket.IO** for real-time chat functionality and **Chakra UI** for responsive, mobile-friendly design with dark / light mode support.
- Secured user sessions with **JWT authentication**, and stored user data, posts, and comments in **MongoDB**.
- Tools: **Javascript**, **Express.js**, **MongoDB**, **Node.js**, **Socket.IO**, **Chakra UI**.

### Music Recommendation System

[Link to Demo](#)

- Built a scalable recommendation engine by analyzing user preferences and bench marking against industry trends.
- Leveraged **Pandas** for data manipulation, **scikit-learn** for model building, and **Matplotlib** for data visualization.
- Tools: **Python**, **Pandas**, **scikit-learn**, **Matplotlib**, **SQL**.

## Work Experience

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### Intern at APSSDC

**June 2023 - Aug 2023**

- Contributed to web development and database management projects, optimizing application performance.
- Designed user interfaces and improved database schemas for better performance and scalability.

### Undergraduate Research Opportunity Programme

**Aug 2023 – Dec 2023**

- Conducted extensive research on nano bio-interfaces, synthesizing insights from scientific literature and research studies.
- Organized and analyzed complex datasets to derive insights into nanobiointerface interactions.

## Certifications

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<b>NPTEL:</b>	Database Management Systems, Introduction to Number Theory
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