

# Prasanthi Rapuru

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## Summary

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Aspiring Computer Science student with strong foundations in Python programming and data structures, eager to contribute to innovative projects while continuously expanding skills in software development and problem-solving.

## Education

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### Sree Venkateswara College Of Engineering

Sept 2022 - Mar 2026

*B.Tech in Computer Science and Engineering*

- GPA: 8.5

### Narayana Junior College

Jun 2020 - Mar 2022

*Intermediate (MPC)*

- PERCENTAGE: 89

## Skills

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<b>Languages:</b>	HTML5, CSS3, JavaScript, Python (primary), C (basic)
<b>Frameworks:</b>	pandas, NumPy, scikit-learn, Matplotlib
<b>Databases:</b>	MySQL
<b>Developer Tools:</b>	Git/GitHub, Google Colab, Visual Studio Code, Anaconda
<b>Academic Coursework:</b>	Data Structures, Operating Systems, CN, OOP, DBMS

## Experience

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### AICTE

Jun 2025 - Jul 2025

*Edunet Foundation Internship (Virtual)*

- Worked on a machine learning-based project under mentorship, applying skills in data preprocessing, visualization, and model building.
- Gained practical exposure to end-to-end ML workflow, including data handling, model evaluation, and presenting results to industry experts.

## Projects

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### Water Quality Prediction

[Live](#) [↗](#)

- Built a machine learning model to predict water quality by analyzing environmental parameters, performing data preprocessing, feature selection, and model evaluation for accurate predictions. The project demonstrates practical application of ML techniques.
- Tools Used: Python, Pandas, NumPy, Scikit-learn, Streamlit, Joblib.

### AI Chatbot

[Live](#) [↗](#)

- Interactive Conversational AI: Developed a chatbot capable of understanding and responding to user queries in natural language. It simulates human-like conversations for various contexts.
- Tools and Technologies: React.js, HTML, CSS, JavaScript (Frontend); Node.js/API (Backend); OpenAI GPT (AI/NLP); Deployed on Vercel

## Achievements

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- Secured Second Prize in my college Hackathon for developing a web application. Apr 2024
- Recognized for innovative design and teamwork among multiple participating teams.