

# Sahithi Puchakayala

Khammam, Telangana, India  
Bachelor of Technology  
National Institute of Technology Durgapur

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## EDUCATION

### •Bachelor of Technology in Computer Science and Engineering

National Institute of Technology Durgapur

2022-26

CGPA: 7.66

## EXPERIENCE

### • Data Science Intern

Nullclass

June - Present 2025

Online

- Worked with Python, transformer-based models, and vector databases for chatbot development.
- Developed multi-modal AI systems handling both text and images using advanced Google AI tools.
- Built dynamic, multilingual, and domain-specific chatbots through hands-on projects.

## PERSONAL PROJECTS

### •Notes Sharing Web Application

Developed a full-stack web application for college students to upload, search, and access academic notes and question papers.

- Implemented user authentication, file uploads, and search filters for seamless access to study materials.
- Used JavaScript, Node.js, Express, and MongoDB to build and deploy a responsive and user-friendly platform.

### • Real-Time Chat Application

Built a real-time chat app with one-to-one and group messaging features.

- Used Socket.IO for live message exchange between users.
- Added user login, chat history, and online status features.
- Used Node.js, Express, MongoDB, and React.js for full-stack development.

### •Chatbot

Created a chatbot to answer gym and fitness-related questions.

- Preprocessed text data with NLTK for tokenization, lemmatization, and bag-of-words modeling.
- Trained a neural network to accurately map user inputs to predefined intents.
- Designed a user interface using Tkinter with features like chat saving and web search.

## ACHIEVEMENTS

- Solved 500+ problem on leetcode.
- Secured 11328 rank in JEE Advanced 2022.
- Secured 12811 rank in JEE Mains 2022.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python

**Libraries :** C++ STL,

**Web Development:** MERN stack

**Data Analytics:** Machine Learning, Deep Learning.

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Computer Networks.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## POSITIONS OF RESPONSIBILITY

### •Active Volunteer and Graphic Designer of NSS NIT Durgapur

- The National Service Scheme (NSS) is an Indian government sector public service program provides opportunities to take part in various government led communities services activities and programs.