

GUDE SAI DHEERAN CHOWDARY

Guwahati, assam

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EDUCATION

Sri Chaitanya School **Hyderabad, Telangana**
Secondary, SSC Board (10th) (CGPA: 10/10) **2018-2020**

Sri Chaitanya Junior College **Hyderabad, Telangana**
Senior Secondary, SSC Board (11th-12th) (93%/100%) **2020-2022**

Indian Institute of Information Technology, Guwahati (IIITG) **Guwahati, Assam**
Bachelor of Technology, Computer Science (GPA: 6.82/10)

- *Coursework:* Data Structures and Algorithms, Computer Organization and Architecture, Discrete Mathematics, Database Management System, Operating System, Artificial Intelligence, Optimization Techniques Machine Learning, Computer Networks, Theory of computation, cloud computing.

SKILLS

Programming Languages and Frameworks: C/C++, Java, Python, Flutter, JavaScript, SQL, HTML, CSS, React

Tools: MySQL, Photoshop

Python Libraries: Pandas, NumPy, NLTK, TensorFlow

WORK EXPERIENCE

OpenHub – Web Developer Intern [Remote] **May 2024 – July 2024**

- Developed a web application for job finding
- Implemented responsive UI/UX using JavaScript, React, and Tailwind CSS
- Worked on AI Avatars.

PROJECTS

Bakery Management System **January 2024 – April 2024**

Database Management System / Group Project (size of 4) / Dr. Sumit Mishra

- Implemented the bakery management system using React as the front-end framework, Spring Boot as the backend framework, and MySQL for data integration. This combination ensures a responsive user interface, robust backend processing, and efficient data management, providing seamless and reliable user experience.
- The bakery management system features a main page with recent orders and real-time updates, a cart page with available items for purchase, and a product management section with integrated product, supplier, and ingredient information, along with active storage calculations for efficient inventory and dish preparation. We also implemented monthly profit calculations and profit tracking for each order by analyzing the money earned and the costs associated with making the dishes.

Chatbot Development and Natural Language Processing (NLP) **July 2024 – August 2024**

- Essential libraries such as NumPy, TensorFlow, and NLTK. Implemented text preprocessing techniques including tokenization, lemmatization, and stop word removal to create a dataset of text patterns and responses and used the bag-of-words model for text data conversion.
- Trained a machine learning model to classify user inputs and generate appropriate responses, gaining exposure to core concepts in Natural Language Processing (NLP) and their application in building interactive chatbots. This project included setting up a Built a chatbot from scratch using Python, leveraging virtual environment and installing necessary libraries.

ACHIEVEMENTS

- **LeetCode:** 206 problems solved
- **CodeChef:** Max rating of 1624