



# Abhijeet Kumar

B.Tech Chemical Engineering

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Degree	University/Institute	Year	CGPA/Marks(%)
B.Tech Chemical Engineering	IIT Hyderabad	2025	7.57
XII (BSEB)	COLLEGE OF COMMERCE, ARTS & SCIENCE, PATNA	2021	85.20%
X (CBSE)	Teresa International Academy	2019	93.10%

## EXPERIENCE

### Backend Developer (intern)

#### Pratiti

Greater Noida | [3-06-2024 to 19-07-2024]

- **Responsibilities:**
  - Developed and tested APIs to ensure functionality and performance.
  - Managed and optimized MongoDB databases for improved data handling and retrieval.
  - Collaborated with cross-functional teams to integrate backend systems and address technical challenges.

## PROJECTS

### [dbconnector](#)

- **Overview:** Created a PyPI package for automatic MongoDB connections and simplified CRUD operations.
- **Tech:** Python, MongoDB
- **Highlights:** Published on PyPI, and i have written [blog](#) about it.

### [Conditional GAN \(Generative Adversarial Network\)](#)

- **Overview:** Developed a Conditional GAN in Python for generating data based on specific conditions.
- **Tech:** Python, GANs
- **Highlights:** Implemented conditional architecture for targeted data generation.

### [GPT Wine Review Generator](#)

- **Overview:** Developed a GPT-based model in Python to generate wine reviews based on user input.
- **Tech:** Python, GPT
- **Highlights:** Customized GPT for analyzing and generating detailed wine reviews.

### [Mini Git \(Custom Version Control System\)](#)

- **Overview:** Developed a version control system in C++ with core Git features like branching, committing, and rollback.
- **Tech:** C++, Object-Oriented Design
- **Highlights:** Implemented file staging, commit history, branch management, and rollback using SOLID principles for modularity

### [Portfolio](#)

- This is my portfolio page, where I provide an overview of all my work. It includes approximately 15+ projects in various areas that I have completed so far, and I continue to make progress.

### [To-Do App](#)

- **Overview:** Developed a Node.js application for managing to-do tasks with file system storage.
- **Tech:** Node.js, File System
- **Highlights:** Implemented task creation, management, and persistence using local file storage.

## SKILLS

- **Programming Languages:** C++, Python, JavaScript (Basic-Intermediate), Fortran, MATLAB
- **Frameworks:** Node.js (Basic) , Flask, Streamlit
- **Tools for Developers :** Docker, MLflow, Git, GitHub, DVC
- **Databases :** SQL, MongoDB

## SCHOLASTIC ACHIEVEMENTS

- I love to solve problems and till now I have solved 700+ question of DSA.
- I practice on codeforce from last month and come with max rating of 1400
- Secured an All-India Rank of 12346 out of more than 0.25million candidates in JEE Advanced 2021

## RELEVANT COURSES

- **Computer Science :** Introduction to Programming, Data Structures and Algorithms, Data Science and Analysis
- **Mathematics :** Elementary Linear Algebra, Calculus, Differential Equations, Advance Numerical Methods