



YEDLA ANIL KUMAR | 20CH30064



CHEMICAL ENGG.(M.Tech Dual 5Y)
MICRO SPL. in ARTIFICIAL INTELLIGENCE AND APPLICATIONS

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	M.TECH Dual Degree 5Y	IIT Kharagpur	8.12 / 10
2020	Board of Intermediate Examination, AP	Narayana Junior College	10 / 10
2018	Secondary School Examination, AP	MP & EV High School	9.8 / 10

PROJECTS

Judiciary Information System Software:

APR 2023 - JUN 2023

- Developed comprehensive software solution for court officials, empowering them to efficiently manage, securely store, and effortlessly schedule cases, resulting in streamlined court proceedings, improved efficiency, and meticulous record-keeping
- Designed for registrars, lawyers, and judges, the software enables seamless case management and easy access to case data
- Utilized **React** for the user-friendly frontend, allowing users to view assigned cases and search through past cases
- Implemented the backend of the website using **Node.js and Express**, ensuring robust functionality, smooth data handling

Modern YouTube-Clone:

NOV 2023-DEC 2023

- Developed a fully functional YouTube clone using **React.js**, showcasing proficiency in front-end web development.
- Utilized **Rapid API** to seamlessly fetch and integrate real-time YouTube video links, enhancing the project's dynamic content.
- Designed an intuitive and user-friendly interface for the YouTube clone, ensuring a seamless and engaging user experience.
- Successfully Implemented and executed responsive design principles, optimizing the application for **various devices and screen sizes**, showcasing attention to detail and a commitment to delivering a polished product.

Snake Game Development Project :

AUG 2022 - SEPT 2022

- Developed snake game website with HTML, CSS and **Javascript**, delivering interactive and engaging gaming experience
- Incorporated game mechanics like snake movement, food generation, and collision detection, ensuring an authentic rendition of the beloved classic Snake game within a captivating web-based setting and optimized application for **various devices**.
- Implemented scalable code architecture and optimized algorithms, resulting in a smooth and responsive gaming experience even on **low-end devices**, showcasing a commitment to performance excellence and user satisfaction.

Zomato-Clone Project:

MAR 2023 - APR 2023

- Developed a responsive and visually appealing user interface for the Zomato clone using **React.js**, ensuring a seamless experience across various devices and screen sizes and Applied design principles to create an user-friendly interface.
- Utilized React features like **hooks** to handle state changes and efficiently display information such as restaurant details, ratings, and reviews, contributing and Implemented **interactive features** to an engaging user experience.
- Effectively managed state in React components to ensure dynamic and real-time updates of restaurant data on the frontend.

SKILLS AND EXPERTISE

Programming languages: C | C++ | Python | SQL | JavaScript
Tools/Frameworks: HTML-5 | CSS | React.Js | Node.Js | Express
Libraries: C++STL | Git | Matplotlib | Seaborn | Scikit-Learn
Software: Photoshop | VS Code | Matlab | MS Excel

COMPETITION/CONFERENCE

Competitive programming:

- Secured Global Rank - 231 in Codechef Feb Long Challenge Two out of nearly 14,000 registered contestants **FEB 2022**
- Secured Global Rank - 84 in Codechef April Long Challenge Two out of nearly 4,000 registered contestants **APR 2022**

AWARDS AND ACHIEVEMENTS

- Achieved a Rank among top **0.8%** of students in JEE Main2020, annual examination taken by more than **10 lakh** students
- Secured an impressive **AIR 9496** in the highly competitive JEE Advanced 2020, taken by over **2 lakh** shortlisted candidates
- Achieved a State Rank of **369** in the Andhra Pradesh **EAMCET**, surpassing a competitive pool of **1.3 lakh** registered students
- Achieved mastery in problem-solving with over **500** programming challenges on GeeksforGeeks, earning recognition and **goodies** on GeeksforGeeks maintaining a notable streak and delivering high-performance results in GFG weekly Contests

COURSEWORK INFORMATION

IIT Kharagpur: Programming and Data Structures (Theory + Lab) | Artificial Intelligence Foundations and Applications | Machine Learning Foundations and Applications | Linear Algebra, Numerical and Complex Analysis | Advanced Calculus | Transform Calculus | Advanced Mathematical Techniques in Chemical Engineering | Advanced Heat Transfer | Advanced Mass Transfer
MOOCs: HTML-5 (Coursera) | CSS (Scrimba.com) | Bootstrap (Scrimba.com) | Javascript (Scrimba.com) | React Js (Coursera)

EXTRA CURRICULAR ACTIVITIES

- Proudly represented **Azad Hall** of Residence in the **Inter-Hall General Championship Volleyball** team in April 2022
- Completed a 2-month design workshop conducted by Kshitij, IIT Kharagpur, where I honed my skills in **Adobe Photoshop**
- Successfully completed a 2-month video editing workshop conducted by Kshitij, IIT Kharagpur, specializing in **Premiere Pro**
- Member of Gold Winning Hall in the **Illumination** showcasing creativity and teamwork for the year 2022, IIT Kharagpur
- Actively participated and mentored students in a range of activities including Heartfulness meditation, Yoga sessions, and exercises as a member of the **National Sports Organization** Health and Fitness from December 2020 to November 2022