Ankit Chaudhary

Phone : +91 8000247017 |Email: chaudharyankit8000@gmail.com

LinkedIn Id: https://www.linkedin.com/in/ankit-chaudhary-5339a1250

Education

VIT Bhopal University	Bhopal, Madhya Pradesh
B. Tech in Computer Science and Engineering	(September 2022- June 2026)
Major in Computer Science	

Current Cumulative GPA: 8.81

CBSE 12th Standard

Prince School	Sikar, Rajasthan
Achieved Cumulative Percentage: 80.2%	(July 2020)

CBSE 10th Standard

RPS Public School	Dharuhera, Haryana
Achieved Cumulative Percentage: 81.2%	(July 2018)

Projects

Ecoscan Plant Disease Detection | Python, FastAPI, HTML, CSS, JS, React, NodeJS, TensorFlow (August 2024)

- Developed Ecoscan, a web application for environmental data analysis and monitoring. utilized machine learning to analyze and predict environmental changes Based on real-time data on air and water quality.
- Designed a user-friendly UI with HTML, CSS, and JavaScript, React.js and integrating Python for backend data processing and model training, ensuring efficient handling of large datasets.
- Integrated Node.js and Express for server-side processing, handling requests and storing sensor data in a MongoDB database, ensuring scalability and reliability with cloud infrastructure for data storage and processing.
- Utilized Pandas for data manipulation, Scikit-learn for machine learning models, and Matplotlib for data visualization, analysis comprehensive and visualization of environmental data trends, enhancing decision-making capabilities for environmental management, resulting in an accuracy rate of 98%.

Social Fusion | JavaScript, HTML, CSS, MongoDB, Express.js, React, Node.js   (January 2024 – March 2024)

- Developed a full-stack social media platform using the MERN(MongoDB, Express.js, React Node.js) stack, allowing users to create profiles, post updates and interact through likes, comments and shares.
- Engineered the backend using Express.js and Node.js, implementing Restful APIs for robust server-side operations. MongoDB utilized for database management to efficiently store user data and interactions.
- Designed a responsive frontend with React, ensuring a seamless user experience across various devices. Incorporated user authentication and authorization using JSON Web Tokes to secure user sessions and data privacy.
- Enhanced real-time interactivity and scalability using Socket.IO enbling live notifications and chat functionality, providing users with instant feedback and communication capabilities.

Achievements

- Scored 79% in NPTEL Cloud computing course by IIT Kharagpur.
- Achieved 5 stars in Java and 5 stars in Python on HackerRank.
- Completed 50+ DSA questions on Leetcode and Contributed to GSoC 2024 as Devloper.

Extracurricular

1. Collaborated with team members to participated workshops and Hackathons.
2. Participated in Google Crowdsource Community workshops and various events.
3. Won a Gold Medal in Bench Press, a Silver Medal in Kabbadi , Silver medal in Deadlift.

Additional

Technical Skills: C++, Java, Python, HTML, CSS, JavaScript, Machine learning, Neural Networks, ReactJS, NodeJS, ExpressJS, Data Structures and Algorithms, SQL.

Languages: Fluent in Hindi, English.

Certifications & Training: (1) NPTEL Cloud Computing Course Top 5% (IIT Kharagpur)
(2) Mastering Data Structures and Algorithms using Java (Apna College)
(3) Data analytics and Data Science (Data Science club)
(4) The Bits and Bytes of Computer Networking by Google (Coursera)
(5) Artificial Intelligence and Machine Learning (Great Learning)