Ananya Chauhan

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PROFILE SUMMARY

Skilled in designing and developing web applications with a focus on backend systems and AI/ML integration. Experienced in creating scalable and secure solutions using modern technologies. Strong team player with excellent problem-solving abilities.

PROJECTS

Explore Bharat | ⌨ */Ananya281/Explore-Bharat* | React.js, Flask, MongoDB, DL   Oct. 2024 – Present
- Developed a cultural heritage exploration platform featuring interactive maps and AI-powered image recognition.
- Integrated personalized recommendation system and feedback mechanism.
- Built a one-stop solution for exploring India's rich heritage, providing detailed cultural insights.

MovieMate | ⌨ */Ananya281/MovieMate* | React. js, Flask, Tailwind CSS, NLP   Aug. 2024
- Designed a movie recommendation system with content-based and popularity-based algorithms.
- Implemented a responsive UI with search functionality and genre-based categorization.

NotifyGenei | ⌨ */Ananya281/SMSInfoService* | MERN Stack, Twilio, BeautifulSoup   July-Aug. 2024
- Hackathon project for Hack4Change by Google with a team of 4, designed to deliver real-time SMS notifications.
- Led the frontend development, creating a responsive and user-friendly interface.
- Integrated APIs for seamless real-time updates and notifications.

EXPERIENCE

GirlScript Summer of Code 2024   Remote
Contributor   *Oct. 2024 – Dec. 2024*
- Contributed to open-source projects and collaboration on bug fixes.
- Completed a Postman assignments focused on **testing GET and POST APIs**,including validating responses.
- Developed a strong understanding of API workflows, including request-response cycles and error handling mechanisms.

IEI, TIET   Patiala, India
Technical Society Member   *Dec. 2023 – Feb. 2024*
- Designed the frontend for the **ORION Tech Event website**, the annual technical festival.
- Managed cross-team collaboration to ensure timely delivery of project goals.

TECHNICAL SKILLS

Languages: Python, C++, SQL, JavaScript
Web Technologies: Flask, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Bootstrap
Libraries/Technologies: Pandas, NumPy, Matplotlib, TensorFlow, Keras, Scikit-Learn, NLP, Deep Learning (DL), Machine Learning (ML), Artificial Intelligence (AI)
Tools: Git/GitHub, MS Office, Canva

RELEVANT COURSEWORK

Data Structures and Algorithms, Operating Systems, Database Management Systems, Machine Learning, Artificial Intelligence

EDUCATION

Thapar Institute of Engineering and Technology   Patiala, India
B.E. Thapar Institute of Engineering and Technology   *Aug. 2022 – Present*

CERTIFICATIONS AND ACHIEVEMENTS

Certificate of Excellence in DSA in C++: by Coding Ninjas (2023)   **View Credentials**

Completed Python for Data Science and Machine Learning Bootcamp: by Udemy (2024)   **View Credentials**

Completed Data Analytice and Visualization Job Simulation: by Forage Accenture (2024)   **View Credentials**