PRIYANSHU CHAUHAN

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SKILLS

- Java
- OOPs
- DSA
- Docker

- SQL-Plus
- PostgreSQL
- HTML / CSS
- JavaScript

- ReactJs
- Node.js
- Express
- Next.js

WORK EXPERIENCE

Zenova Innovation Private Limited - Full Stack Intern   **October 2024-Jan 2025**

- Designed and implemented new features for the Admin page to streamline car rental operations and user management.
- Developed and validated robust forms using React and Yup for efficient data handling.
- Leveraged Express for API development, integrating with a PostgreSQL database to ensure scalability and data integrity.
- Employed Docker for containerization to enhance deployment efficiency and maintainability.
- Collaborated with cross-functional teams to improve UI/UX and ensure seamless integration across the application.

Jio Privates Limited - Intern   **August 2023 -October 2023**

- Full-Stack Development: Acquired and applied new skills in React JS, Node JS, and Angular JS during the course of an ongoing project, enhancing the overall development process and contributing to the project's success
- Mastered Geolocation Implementation: Leveraged tools like Mapbox and Postman to implement seamless geolocation services within the project, ensuring accurate and efficient location-based functionalities

EDUCATION

B. Tech in Information Technology   **July 2021-July 2025**
Vellore Institute of Technology

- DSA , Web Development, Problem Solving, Database Systems, ComputerNetworks and OOPs.

Class 12th   **June 2020- May-2021**
Rahul International School (CBSE)

- Physics, Chemistry, Mathematics (PCM) ,English

Class 10th   **April 2018- May 2019**
Lilavatibai Podar Senior Secondary School(ICSE)

- PCMB, English, French

PERSONAL PROJECTS

GenAI Powered Product Recommendation System (01/2025 - 05/2025) CAPSTONE PROJECT

- Designed and implemented a Hybrid Product Recommendation System using Collaborative Filtering and **Retrieval-Augmented Generation (RAG)** to deliver personalized user experiences.
- Developed a scalable **Flask-based backend microservice architecture** with **RESTful APIs**, handling high-volume vector search using FAISS and sentence-transformer embeddings.
- Integrated backend with a **Node.js server** and a dynamic **React.js** frontend for seamless user interaction and real-time product suggestions.
- Utilized **PostgreSQ**L for user data and product metadata storage; processed large-scale data using **Pandas**, **NumPy**, and **PyArrow**.
- Built a user-friendly interface with React, **Tailwind CSS**, and **Axios** for efficient API communication and frontend state management.
- Employed Jupyter Notebooks for initial model development and experimentation; optimized for deployment with **Gunicorn and Nginx**.
- Tools & Technologies: **Python, Flask, Node.js, React.js, PostgreSQL, FAISS, Pandas, NumPy, PyArrow, Tailwind CSS, JWT, Git, Nginx, Gunicorn, Jupyter.**

Netflix Clone (01/2023 - 04/2023)

Created a Netflix-like website using HTML, CSS, JavaScript, and Angular JS. Collaborated with a team to enhance the backend and successfully completed the project under the guidance of a professor.

Telecom Web Based Application (08/2023 - 10/2023)

Gained industrial experience by developing a web-based application, focusing on skill enhancement and staying updated with current technological trend

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VOLUNTEER EXPERIENCE

Sports Volunteer at Riviera'23
Assisted in organizing a marathon for 3,000+ students and participated in various cultural fest events. Demonstrated exceptional athletic ability on field in various sports

Sports Marathon (08/2024)
Completed 3 KM marathon in 11.5 minutes, achieved 10th rank

INTERESTS

- **Cricket**
- **Chess**
- **Football**
- **Sketching**
- **Gym**