Ved Prakash Patel

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PROJECTS

Movie Recommender System - Python, Machine Learning

- Built a content-based recommendation engine using the TMDB dataset.
- Implemented cosine similarity to generate personalized movie suggestions.
- Demonstrated strong skills in data processing, modeling, and algorithmic thinking.

Rainfall Prediction (IoT + ML) – ESP8266, DHT11, Python

- Designed an IoT-enabled machine learning project to predict rainfall based on real-time humidity and temperature data.
- Integrated Python-based predictive models with Google Firebase for real-time data storage and retrieval.
- Developed a responsive web interface using HTML, CSS, and JavaScript.
- Set up IoT devices to collect environmental data, ensuring real-time accuracy.

ElitePM (Password Manager) – React, Express, MongoDB

- Developed a secure password management system using React for frontend and Express for backend.
- Integrated MongoDB for safe storage of encrypted user credentials.
- Implemented authentication, CRUD operations, and intuitive UI for managing passwords

EDUCATION

B.Tech(CSE)   Aug 2021-May 2025
Kalinga Institute of Industrial Technology, Bhubaneshwar India   CGPA: (8.74/10)

Class 12th (National Examinations Board)   2021
St. Xavier's Secondary School, Birgunj Nepal   GPA: (3.15/4)

Class 10th (National Examinations Board)   2019
Shree Nrisingh Secondary School, Birgunj Nepal   GPA: (3.75/4)

SKILLS

Programming Skills   : C++, Python, Java, C, JavaScript
Other Skills   : HTML, CSS, Linux, Git, SQL, Figma

ACHIEVEMENTS

Study in India Scholarship granted by Government of India to complete my B.Tech in CSE.