Hitesh Gupta

AI Engineer

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LINKEDIN | LEETCODE | HACKERRANK

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY   September 2023 - September 2027
COMPUTER SCIENCE AND ENGINEERING | BACHELOR OF TECHNOLOGY   Bhopal, M.P., India
GPA: 8.36

DS SCIENCE ACADEMY   July 2021 - April 2022
XII | SCHOOL   Gangapur City, Raj, India
Percentage: 89.80%

SKILLS

PROGRAMMING LANGUAGES	C++, Java, Python
LIBRARIES/FRAMEWORKS	Javascript, React, TensorFlow, PyTorch, Scikit-learn, NumPy, pandas
TOOLS / PLATFORMS	Git, VS Code, IntelliJ IDEA
DATABASES	SQL, MongoDB

PROJECTS / OPEN-SOURCE

PERSONAL FINANCE TRACKER   Java(Spring Boot), JavaScript, React, React Hooks, HTML, CSS, Chart.js, Tailwind CSS, MySQL

Developed a full-stack web app for managing personal finances, tracking income, expenses, savings, and budgets. Integrated user authentication, interactive dashboards, and smart expense categorization. Enabled users to set goals, visualize spending insights, and monitor financial health in real time.

HOUSE PRICE PREDICTION MODEL   Linear Regression, Python, Scikit-learn, pandas, NumPy, Matplotlib, Jupyter Notebook

Developed a machine learning model using linear regression to predict house prices based on features like area, bedrooms, and location. Trained and optimized the model for accurate predictions. Demonstrated practical use of regression in real estate forecasting.

HUMAN SUSTAINABILITY SCORE PREDICTION MODEL   Machine learning, Python, Scikit-learn, pandas, NumPy, Matplotlib, Data preprocessing, Survey analysis

Designed an AI-driven system to predict individual sustainability scores using lifestyle data like electricity use, transport, and recycling. Applied feature engineering and regression models in a modular pipeline. Aimed to encourage eco-friendly behavior and support data-driven policymaking.

CERTIFICATIONS

- Applied Machine Learning in Python - COURSERA
- Java Programming - HACKERRANK
- Introduction to AI & ML - VITYARTHI