Pawan Kumar Dangi

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B.Tech — Computer Science and Engineering (AI)

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, MANIPUR | B.Tech in Computer Science and Engineering (AI)
2022 – Present | Manipur, India

SWAMI VIVEKANAND PUBLIC SCHOOL, RAJGARH (BIAORA) | Class 12 — CBSE | 86%
2022
Additional Subject: Informatics Practices (Python, MySQL)

KRISHNA VALLEY INTERNATIONAL SCHOOL, RAJGARH | Class 10 — CBSE | 91%
2020

TECHNICAL SKILLS

PROGRAMMING LANGUAGES
Python (Pandas, NumPy, Matplotlib) • C++ (OOP, Data Structures) • JavaScript • PHP • HTML • CSS

TOOLS & FRAMEWORKS
Node.js • Express.js • MySQL • EJS • Jupyter Notebook • Scikit-learn • XGBoost • VS Code

CORE AREAS
Data Cleaning & Visualization Machine Learning • Data Science • Model Training & Evaluation • Web Development •

PROJECTS

HOUSING PRICES PREDICTION | Machine Learning Project
Python, Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib, Seaborn
- Collected and preprocessed housing data from Kaggle for regression-based price prediction.
- Performed EDA to identify insights, correlations, and feature importance.
- Trained Linear Regression, Random Forest, and XGBoost models with cross-validation.
- Applied GridSearchCV for tuning and reducing overfitting.
- Achieved an R^2 score of [insert value]; visualized model performance.

RESUME BUILDER WEB APPLICATION | Full-Stack Web Development Project
Node.js, Express.js, EJS, MySQL, HTML, CSS, JavaScript
- Developed an interactive web app for users to create, manage, and download resumes.
- Built RESTful APIs and dynamic templates using EJS.
- Designed secure MySQL schema for user data and templates.
- Added authentication, validation, and PDF export functionality.
- Delivered a responsive UI with a professional design.

LANGUAGES

Spoken & Written:
English • Hindi

ABOUT ME
- Former school captain,House captain and cultural events organizer in IIIT M; strong leadership and teamwork abilities.
- Passionate about learning, hardwork and positive mindset.
- Motivated by challenging and competitive tasks.