Prayas Dash

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Summary

Seeking a full-time role in Software Engineering with a strong focus on Machine Learning and data-driven solutions. Passionate about building intelligent systems using Python, ML algorithms, and analytical techniques. Skilled in problem-solving, quickly adapting to new technologies, and managing multiple tasks efficiently.

Skills

- **Programming Languages:** C, C++, Python, Java
- **Web Development:** HTML, CSS, Javascript , Framework - Flask
- **Databases:** MySQL
- **Machine Learning:** Data Preprocessing,Image Processing, Visualization, Model Training using Python Libraries
- **Tools:** Git, GitHub, VS Code, Jupyter Notebook, PyCharm

Education

Master of Computer Applications (MCA) – KIIT University, Bhubaneswar
Duration: 2023 – 2025 | CGPA: 9.29 / 10
Specialization: Artificial Intelligence & Machine Learning

Experience

AI & ML Intern – CTTC, Bhubaneswar (*Aug 2024 – Sep 2024)*
- Learned Python basics and ML concepts. Gained hands-on experience in supervised learning and algorithms like KNN, SVM, Random Forest, and Linear Regression.
- Worked on data cleaning, visualization, and image processing on multiple. CTTC Certificate

Projects

1. Home Price Prediction

- **Description:** Developed a web app to predict flat prices based on property features.The user have to put input as area in Sqft , no of BHKs , no of Bathrooms , locality then the model predict the output as the price of the particular property.
- **Features:** Real-time prediction, Interactive Visualization. , Simple User Interface
- **Tools & Technologies:**
  - **Data Analysis** - Pandas, NumPy
  - **Model Training** - Scikit-learn
  - **Frontend** - HTML, CSS, JavaScript
  - **Backend** - Flask-based
  - **Project Link** - House_Price_Prediction
- **Dataset:** Kaggle (Source: CTTC)

2. Personal Medical Recommendations

- **Description:** A symptom-based disease prediction and health recommendation system.This takes the symtoms from patient as input and provide the output as predicted diseases , medicines to take , diet to follow , workouts to do.The data is taken from W.H.O so these are doctors certified and a patient can easily follow this.
- **Features:** Provides medicines, diet, workout plans, and precautions.
- **Tools & Technologies:**
  - **Data Analysis** - Pandas, NumPy , Matplotlib
  - **Model Training** - Scikit-learn , RandomForestClassifier , SupportVectorClassifier , KNearestNeighbor
  - **Frontend** - HTML, CSS, JavaScript
  - **Backend** - Flask-based
  - **Project Link** - Personalized-Medical-Recommendations