

ANSHI PRAJAPATI

B. Tech Student | Focused on Software Development and Machine Learning

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EDUCATION

University of Engineering and Management

B. Tech in Computer Science & Engineering (AI & ML) CGPA: 8.46/10

Kolkata, WB

August 2022 – present

Aryakanya Mahavidyalaya

Kolkata, WB

Higher Secondary

May 2022

Seth Soorajmull Jalan Balika Vidyalaya

Kolkata, WB

Secondary

March 2020

PROJECTS

Parkinson's Disease Prediction | Group Project

November 2024 – March 2025

- Engineered an AI model with **87% accuracy** for early Parkinson's disease detection using **195+ clinical records**.
- Extracted and interpreted key biomarkers—such as motor symptoms, tremors, and movement patterns—to enhance model accuracy and clinical relevance in Parkinson's prediction.
- Implemented and evaluated machine learning algorithms (Random Forest, SVM), achieving **F1-score of 0.85**, **precision of 0.88**, and **recall of 0.82**.
- Deployed the solution as a web application and integrated it into a healthcare platform, enabling real-time patient risk assessments in **under 2 seconds**.

House Price Prediction

August 2024 - September 2024

- Developed a predictive model using the Ames Housing dataset with a **92% R² score** on test data.
- Processed and transformed **1,460 property records** through data cleaning, feature engineering, and scaling techniques.
- Designed and launched an interactive web dashboard for real-time price prediction, used by **50+ testers** during development.

SKILLS SUMMARY

- Technical Skills:** Web Development, Software Development, Database Design & Optimization, Data Structures & Algorithms, Object-Oriented Design, Data Engineering.
- Programming Languages:** C, Java, Python, SQL
- Tools & Technologies:** Git & GitHub, VS Code, Flask, MySQL, Pandas, NumPy, scikit-learn, HTML, CSS, JavaScript

CERTIFICATIONS

- Web Development** – Apna College (November 2024)
- Object-Oriented Programming in Java** – LinkedIn Learning (August 2024)

INTERESTS

- Active interest in strategic and competitive sports, including cricket, chess, and Olympic events.
- Committed to sustainable living practices, with a focus on gardening and botanical care.