

AYUSH JHA

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EDUCATION

VIT Bhopal University

Bachelor of Technology - Computer Science and Engineering - **CGPA - 7.42**

09 2022 – 08 2026

Sehore, Madhya Pradesh

Holy Mission High School

Senior School Certificate Examination- PCM - **Percentage - 95%**

05 2019 – 05 2021

Samastipur, Bihar

Sadhna Devi Vidyapith

All India Secondary School Examination - **Percentage - 94%**

05 2017 – 05 2019

Samastipur, Bihar

COURSEWORK / SKILLS

- Excel
- Python
- Statistics
- OOPS
- MySQL
- Power BI
- Machine Learning
- EDA

EXPERIENCE

Intern at PolTek Solutions

October 2024 - December 2024

Role - Research Analyst

Remote

- Conducted detailed data analysis to prepare comprehensive reports on political insights and strategies, aiding decision-making processes.
- Created clear and concise visualizations to present complex political data trends, ensuring insights were actionable and understandable.
- Effectively managed data collection, analysis, and reporting in a remote work setup.

PROJECTS

EstatePredict | Python, ML, NumPy, Pandas

March 2025

- It aims to simplify process using machine learning to estimate property values accurately. By analyzing factors like location, property size, number of rooms, amenities, and market trends, the model predicts a fair price based on historical data.
- It involved building a predictive model using Scikit-learn and Linear Regression with the Bangalore home prices dataset from Kaggle. Concepts, including data cleaning, outlier detection, feature engineering, dimensionality reduction, hyperparameter tuning (GridSearchCV), and K-Fold cross-validation are used to improve model accuracy.

IPL-WinAI | Python, ML, NumPy, Pandas

March 2025

- IPL-WinAI is a machine learning-based cricket match predictor that estimates the winning probabilities of teams in an IPL match based on real-time match statistics. Using team performance, match conditions, and game progress, the model provides insights into which team has the higher chances of winning.

TECHNICAL SKILLS

Languages: Python, C++, SQL

Technologies/Frameworks: NumPy, Pandas, Matplotlib, Django, Flask, scikit-learn

Developer Tools: VS Code, PyCharm, Canva, GitHub

CERTIFICATIONS

- Python Essentials - vityarthi
- Cloud Computing - NPTEL
- Introduction to Computer Vision and Image Processing - coursera

EXTRACURRICULAR

- Wrote many articles on Medium.com
- Participated in various Hackathons