NIMISH BAGWALE

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ABOUT

I am a sophomore with a wide range of interests in UI/UX design, 3D modeling, content writing, and video editing. My expertise lies in ML model design and data analysis, complemented by strong soft skills such as problem-solving, time management, and adaptability. With a creative mindset and a passion for continuous, I am eager to explore dynamic roles and contribute effectively to innovative projects.

EDUCATION

Kalka Public School
12th (PCM); CGPA : 8.6
Faridabad, Haryana
March 2023

Jaypee University of Engineering and Technology
Bachelor of Technology; CGPA : 9.21
Guna, Madhya Pradesh
June 2023 - May 2027

SKILLS SUMMARY

- **Languages:** C, C++, Python, SQL, HTML, CSS, Java
- **Frameworks:** Django, Express.js, Flask (APIs)
- **OS:** Windows, Kali-Linux
- **Tools:** PowerPoint, Excel, Blender, MySQL, Git , Numpy , Pandas , Matplotlib , Scikit-learn
- **Platforms:** Jupyter Notebook, Visual Studio Code, Android Studio
- **Soft Skills:** Problem-Solving, Time Management, Adaptability, Continuous Learning, Organization

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PROJECTS

Amazon Review Analyzer | [GIT_REPO]
- Built a sentiment analysis tool using VADER and RoBERTA to analyze customer reviews
- Performed EDA to identify trends and patterns , visualized heights with matplotlib and seaborn
- Compared NLP models for accuracy and optimized for large datasets
- **Skills:** Python, Pandas, NLTK, Hugging Face Transformers, Data Analysis, Sentiment Analysis, Data Visualization

House Price Prediction Model | [GIT_REPO]
- Developed a regression model to predict house price using square foot, location and renovation status
- Engineered features, handled missing data, and trained models (Linear, Polynomial, Random forest, Decision tree, SVR) with an R^2 score of 0.65 using Polynomial Regression
- Visualized predictions and improved performance with hyperparameter tuning and XGBoost.
- **Skills:** Python, Pandas, Scikit-learn, NumPy, Matplotlib, Feature Engineering, Data Preprocessing, Model Evaluation, Machine Learning

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COURSES

- Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2025] - **Udemy**
- Python PCEP: Become Certified Entry-Level Python Programmer – **Udemy**
- Beginning C++ Programming – From Beginner to Beyond – **Udemy**
- Introduction to Linux - Hands on! - **Udemy**

EXTRACURRICULAR ACTIVITIES

- **Coordinator:** AR-VR club JUET
- **Coordinator:** BOTNET club JUET
- **Coordinator:** GFG club JUET

September 2024 - Ongoing
August 2023 - September 2024
August 2023 - Ongoing