

# Jayesh Nath Jha

✉ [jayeshnathjha@gmail.com](mailto:jayeshnathjha@gmail.com) ☎ +91 7549754098 📁 [Portfolio](#) [in LinkedIn](#) 📄 [LeetCode](#)

## Top Skills

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- Data Analysis
- Data Visualization
- Machine Learning
- Data Structures & Algorithms.

## Tech Stack

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- Python, Pandas, Scikit-learn, Seaborn, NumPy
- PostgreSQL, Excel, Power BI, Snowflake
- p5.js, C++, JavaScript, HTML5, CSS

## Projects

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- **Bengaluru House Price Prediction:** An ML model that predicts the house price based on previous trends, using Random Forest and other algorithms. 📄 [link](#)  
*Pandas · Random Forest · Python · NumPy · Scikit-Learn · Streamlit*
- **AI tic-tac-toe:** Created a game of Tic-Tac-Toe, where you can play against an AI. 📄 [link](#)  
*JavaScript · p5 · HTML · CSS · Minimax algorithm*
- **Courier Charge Analysis:** Exploratory Data Analysis (EDA) initiative focusing on the assessment of shipping fees imposed by courier service providers on e-commerce platforms. 📄 [link](#)  
*Pandas · NumPy · Plotly · EDA*
- **Crypto Analysis:** Retrieved live data from API, and analyzed price trends for various crypto-currencies on daily, weekly, and monthly intervals. 📄 [link](#)  
*Pandas · Matplotlib · Python · coinmarketcap/api*

## Experience

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### Freelance Web Developer

Nov 2022 - Jan 2023

Brainium Information Technologies

- Utilized the p5.js library of JavaScript, known for its emphasis on creative coding, for this project.
- Fixed 70% of the existing bugs in the rendered sketches
- Used Ethereum transaction values to create Bezier Curves.

## Education

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### Maulana Abul Kalam Azad University of Technology, West Bengal

Bachelor's degree, Computer Science Engineering 8.70 GPA

2023

### Woodbine Modern School, Darbhanga, Bihar

Higher Secondary (12th) 63.6%

2019

Secondary (10th) 10 CGPA

2017

## Licenses & Certifications

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**Machine Learning: Clustering & Retrieval** - University of Washington