

Sourish Chatterjee

My Portfolio | [LinkedIn](#) | [GitHub](#) | Email: contact.sourishchatterjee@gmail.com

Location: Kolkata, WB, India

| Mobile: +91 93303 19122

CAREER OBJECTIVE

Aspiring Machine Learning and Data Scientist with a solid foundation in **data preprocessing**, **feature engineering**, and **model optimization**. Passionate about applying **machine learning** and **data science** techniques to solve real-world problems and deliver **data-driven insights**.

TECHNICAL SKILLS

- Languages** : Python, Java, C
- Tools & Libraries** : Pandas, Numpy, Matplotlib, Scikit-learn, Streamlit
- Data Analysis** : Data Preprocessing, Data Cleaning, Data Visualization
- Platforms** : Google Cloud, GitHub
- Tools** : Visual Studio Code, Google Colab, Jupyter Notebook, Git (basic)

EXPERIENCE

Machine Learning Intern Apr 2024 – May 2024
Prodigy Infotech Remote

- Completed **four** machine learning projects, including image classification and predictive modeling
- Designed, implemented, and optimized machine learning algorithms.
- Collaborated with cross-functional teams to deliver high-quality solutions.
Certificate

Data Analyst Apprenticeship Jan 2024 – Feb 2024
Academy Of Skill Development Kolkata, India

- Analyzed and visualized stock market trends using large datasets
- Developed data-driven insights to guide strategic decision-making
- Collaborated with a multidisciplinary team to refine data analysis methodologies.
GitHub | Certificate

PROJECTS

Real Estate Price Prediction Model: Google Colab, Python, Numpy, Pandas, Matplotlib, Scikit-Learn [Source Code](#)

- Preprocessed data using One-Hot Encoding, improving model accuracy by 15%.
- Trained a Random Forest Regressor, achieving an R^2 score of 85% and MSE of 150,000.
- Enhanced feature selection and hyperparameter tuning, reducing prediction error by 10%.

Nifty 50 Stock Prediction: Google Colab, Python, Numpy, Pandas, Matplotlib, Scikit-Learn [Source Code](#)

- Built a machine learning model to predict Nifty 50 stock prices using random forest.
- Achieved over **90% accuracy** by leveraging feature engineering and model optimization techniques.
- This project demonstrated expertise in time series analysis and financial forecasting.

CERTIFICATIONS

[Google Cloud Platform](#) || [Generative AI](#) || [MOOCs](#)

EDUCATION

Meghnad Saha Institute of Technology Kolkata, WB, India
Bachelor of Technology in Computer Science Engineering with specialization in AIML 2022 – 2026

Delhi Public School Ruby Park Kolkata, WB, India
Higher Education in Computer Science 2020 – 2022