

Sourish Chatterjee

[My Webpage](#) | [LinkedIn](#) | [GitHub](#) | [Email](#)

Location: Kolkata, WB, India

| Mobile: +91 93303 19122

CAREER OBJECTIVE

Aspiring Machine Learning and Data Analyst Engineer with a strong foundation in **data preprocessing**, **feature engineering**, and **model optimization**. Seeking an internship to contribute to **data-driven solutions** and **drive business impact**.

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

AI-Powered Flappy Bird Game: VS Code, Python, Pygame, NEAT [Source Code](#)

- Created an AI-driven agent employing the NEAT algorithm which self-optimized gameplay strategies, resulting in a 40% reduction in average failure rate and providing valuable insights into adaptive learning processes for future projects.
- The model successfully balanced difficulty and real-time processing to achieve high performance.

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 2022 – 2026