

Sourish Chatterjee

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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

Prodigy Infotech

Apr 2024 – May 2024

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

Academy Of Skill Development

Jan 2024 – Feb 2024

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

Bachelor of Technology in Computer Science Engineering with specialization in AIML

Kolkata, WB, India

2022 – 2026

Delhi Public School Ruby Park

Higher Education in Computer Science

Kolkata, WB, India

2020 – 2022