Sourish Chatterjee

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Career Objective

Aspiring Machine Learning 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

- Developed an AI agent using the NEAT algorithm to autonomously play Flappy Bird, enhancing skills in reinforcement learning and game development.
- 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 Plateform
- 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*