Kanchan Pramanik

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SUMMARY

Enthusiastic and adaptable Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning. Proficient in Python, Java, SQL, and core development concepts including Data Structures, Algorithms, OOP, and Operating Systems. Experienced in developing real-world machine learning models, web applications, and data-driven solutions through internships and academic projects. Passionate about leveraging technology to solve real-world problems and contribute meaningfully in fast-paced environments.

EDUCATION

2022 – 2026 Kolkata, India	**B.Tech in CSE(AI&ML),** Meghnad Saha Institute Of Technology **CGPA:8.01**
2022 Kolkata, India	**Higher Secondary (WBCHSE) – Science Stream,** Sarada Vidyapith(H.S) **PERCENTAGE: 90%**
2020 Kolkata, India	**Secondary Education (Madhyamik – WBBSE),** Sarada Vidyapith(H.S) **PERCENTAGE: 88.88%**

SKILLS

- Programming Languages: C,Python,Java,SQL
- Frameworks/Libraries: Pandas, NumPy, Scikit-learn
- Web Development: HTML,CSS
- Core Competencies:Data Structures and Algorithms, Operating System, OOP, DBMS
- Tools & Software: Jupyter, Google Colab, Power BI, MS Office (Word, Excel, PowerPoint), Photoshop
- Soft skills: Strong communication,team collaboration,presentation skills

EXPERIENCE

Apr 2024 – May 2024 Kolkata, India	**Prodigy Infotech,** Machine Learning Intern - Completed 4 projects involving classification, regression, and prediction - Used Python, Pandas, and Scikit-learn for data preprocessing and model development - Collaborated with peers to design scalable ML solutions
Jan 2024 – Feb 2024 Kolkata, India	**Academy of Skill Development,** Data Analyst Apprenticeship - Conducted stock market trend analysis using historical datasets - Derived actionable insights to support decision-making

PROJECTS

- **Cat vs Dog Image Classifier** – Developed SVM model for image classification
- **Oil Spill Detection** -Deployed a CNN-based model to detect oil spill regions with >90% accuracy. Cleaned and preprocessed satellite image data using NumPy and OpenCV
- **Nifty-50 Stock Market Prediction** – Optimized regression models to forecast stock trends with 90%+ accuracy
- **Car Price Predictor** – Built a regression model for price forecasting
- **Breast Cancer Detector** – ML-based classifier for health diagnosis
- **Text-to-Voice Web App** – Built interactive voice converter using frontend tools
- **Travel Website Clone** – Designed and implemented UI features in HTML/CSS

CERTIFICATIONS

- Artificial intelligence -Accenture 🔗
- Excel -Coursera 🔗
- Foundations of Cybersecurity - Coursera 🔗
- Java -Oneroadmap 🔗
- Machine Learning -Udemy 🔗
- SQL -Udemy 🔗