

ARPAN MAITY

Kolkata, West Bengal

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✉ arpanmaity032.com

🌐 [linkedin.com](https://www.linkedin.com)

🐙 [GITHUB.COM](https://github.com)

🔗 leetcode.com

EDUCATION

Heritage Institute of Technology

B.Tech in Computer Science Engineering with a Specialization in AI-ML

Kolkata, West Bengal 700107

2022 – 2025

CGPA: 7.76

A.P.C. Ray Polytechnic

Food Processing Technology

Kolkata, West Bengal 700107

2017 – 2020

CGPA: 8.5

EXPERIENCE

Salesforce Developer Internship

May 2024 - June 2024

Role - Software Developer

virtual

- Learned and Implemented Salesforce Fundamentals, Organizational Setup, Relationship Process Automation Types Of Flows Security, Apex, Testing Debugging, VS Code Setup CLI Setup, Lightning Web Components (LWC) API and Super Badge - Apex Specialist and Super Badge Process Automation Specialist, Super Badge - Developer Super Set
- testament to a well-rounded and highly skilled Salesforce developer **HTML, CSS and JavaScript.**

Madhu Jayanti International Pvt Ltd

December 2020 – April 2022

Role - Junior Officer QA

- Maintaining detailed records of quality control activities, test results, and compliance reports.
- Identifying areas for improvement in the production process and implementing corrective actions to enhance product quality

PROJECTS

Lunar Landing | gymnasium, ANN, pytorch

Nov 2024

- The lunar landing simulation uses an artificial neural network (ANN) to autonomously control descent. The ANN processes real-time altitude, velocity, to adjust thrust for a safe landing. It was trained using reinforcement learning on simulated lunar environments to optimize landing precision and efficiency.

Stock Analysis Platform | using Python, TensorFlow, Streamlit

Dec 2024

- Integrated data retrieval from Yahoo Finance for historical trends, applied deep learning models for price prediction, and visualized insights with Matplotlib. Enabled interactive analysis through a user-friendly interface.”

Resume Category Prediction App | KNN, SVM, Random Forest, and Naive Bayes.

May 2025

- Developed a machine learning-powered application to classify resumes into categories using models like KNN, SVM, Random Forest, and Naive Bayes.
- Integrated text extraction from PDF/Word files, data preprocessing, and interactive prediction with Streamlit for real-time user input and performance metrics display.

Image Classification App | Keras, TensorFlow, ResNet50, Flask, React

Dec 2024

- This project is an image classification web app using React for the frontend and Flask for the backend. It utilizes a pre-trained ResNet50 model to classify uploaded images and return predictions in real-time, showcasing deep learning integration with modern web development for intelligent image analysis.

TECHNICAL SKILLS

Languages: C++, JAVA, Python, JavaScript, SQL

Technologies/Frameworks: HTML5, CSS3, React, Django, Flask, Streamlit, MySQL, MongoDB, Express, Javascript, Bootstrap, rest-API, fast-API

Developer Tools: VS Code, Docker, Git, Github, AWS

Data Analysis: Matplotlib, NumPy, Pandas, sklearn, OpenCV

ML Model: Scikit-learn, TensorFlow, Keras

CERTIFICATIONS

- The Fundamental Concepts of Artificial Intelligence and Machine Learning - Udemy
- Combine the power of Data Science, Machine Learning and Deep Learning to create powerful AI for Real-World applications! - Udemy
- The Complete Full-Stack Web Development Bootcamp - Udemy