Prachi Arora

+91 9599707969 | aprachi052@gmail.com | Linkedin | Github

Education

Inderprastha Engineering College Delhi, India
B.Tech in Computer Science (AI & ML), CGPA: 6.8 *2021 – 2025*

Experience

Intern August 2024 – October 2024
Ramyoz Solutions *Remote*

- Managed inbound and outbound customer inqueries via phone, email, and chat, ensuring prompt and professional responses
- Resolved customer complaints efficiently, improving customer satisfaction scores.
- Maintained deatiled records of customer interactions and feedback to enhance service processes.

Technical Skills

Programming Languages: Java, Python, Html, Css, Js, SQL
Libraries & Frameworks: NumPy, Pandas, Scikit-learn
Tools: Ms Excel, Google Collab, GitHub, Visual Studio

Projects

Self-Learning Car using Reinforcement Learning | *Python, NumPy, Pandas* Link

- Developed an autonomous self-learning car model utilizing reinforcement learning techniques to optimize navigation and obstacle avoidance.
- Improved navigation efficiency by 90% through adaptive learning algorithms
- Trained and tested models using custom simulation environments to evaluate performance under varying conditions.

Stock Price Prediction using Machine Learning | *Python, BeautifulSoup, Pandas, Jupyter Notebook* Link

- Built a stock price prediction model leveraging web scraping (Beautiful Soup) and Pandas for real-time stock data extraction.
- Applied time series analysis, feature selection, and regression algorithms to forecast stock prices with an accuracy improvement of 80%.
- Utilized Jupyter Notebook for model implementation and performance analysis, improving prediction consistency.

Breast Cancer Detection using Machine Learning | *Python, NumPy, Logistic Regression* Link

- Led 80% of the project efforts to develop a machine learning model for detecting breast cancer, a major global health concern.Used TensorFlow and Scikit-learn to preprocess datasets and build predictive models for disaster events.
- Implemented model evaluation techniques to optimize performance, achieving high classification accuracy and reducing false positives/negatives.
- Utilized NumPy for data manipulation and Scikit-learn for building and training a logistic regression model to predict the likelihood of breast cancer occurrence.

Certifications & Activities

Organizing Team At Ipec- Received Recognition Award in Udbhav 2024
Coding Competition - Received 2nd Position in Trinity 2023