Pranjal Trivedi

Dehradun, Uttrakhand
trivedipranjal02@gmail.com
9508785035
https://github.com/iam-pranjal
www.linkedin.com/in/pranjaltrivedi02/

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks%
2020 - 2024	B.Tech in Computer Science Engineering	Graphic Era University, Dehradun	8.56
2020	12^{th}, *CBSE*	St.Karen's High School, Patna	83.05
2018	10^{th}, *CBSE*	St.Karen's High School, Patna	87.02

TECHNICAL SKILLS

- **Languages:** C++, C, Python, Core Java, HTML/CSS, JavaScript
- **Database:** MySQl, MongoDB, Oracle
- **Tools:** VS Code, Jupyter Notebook, PyCharm
- **Technologies/Frameworks/Libraries:** ReactJS, NodeJS, Bootstrap

WORK EXPERIENCE

- **Project Intern**
  AICTE & Edunet Foundation (Aug 2023 - Sep 2023)
  - Developed and implemented an AI-driven sentiment analysis model for restaurant reviews, leveraging machine learning techniques; achieved **85% accuracy** in assessing customer sentiments and provided actionable insights for improving customer experience.

PROJECTS

- **MALWARE DETECTION AND ANALYSIS USING MACHINE LEARNING**
  Technologies: (Machine Learning, Ransomware, Cyber Security, Python)
  - Developed a machine learning model in Python to detect and analyze malware, achieving a remarkable **accuracy rate of 99.32%** on the UCI dataset.
  - Implemented a set of algorithms, including Logistic Regression, Decision Trees, Random Forest, and K-Nearest Neighbor (KNN), leveraging their unique strengths in the malware detection domain.
  - **Published** the research findings at the 2023 IEEE Global Communications Conference.

- **DISEASE PREDICTION USING MACHINE LEARNING**
  Technologies: (Machine Learning, Python)
  - Designed a machine learning model for disease prediction based on various symptoms.
  - Employed Naive Bayes, Decision Tree, and Random Forest algorithms, achieving **97% accuracy**.
  - Designed a user-friendly GUI interface using Tkinter.

- **FACE DETECTION BASED ATTENDANCE SYSTEM**
  Technologies: (Computer Vision, CNN, Machine Learning, Python)
  - Implemented Computer Vision techniques, such as Convolutional Neural Networks (CNN), OpenCV, and Haar Cascade Classifier, combined with database integration for an efficient face detection attendance system. Developed a user-friendly GUI interface using Tkinter for seamless interaction.

- **REALTIME PIZZA ORDER TRACKER APPLICATION**
  Technologies: (HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB)
  - An user interactive website that includes robust authentication, user roles, shopping cart functionality, and real-time pizza tracking.
  - Leveraging web technologies like NodeJs, MongoDB, and ExpressJS for the backend, and HTML, Tailwind CSS for the frontend.

ACHIEVEMENTS

- **Knight** badge on LeetCode.
- **3 star** badge on CodeChef.
- Among **top 100** students of college on GeeksForGeeks.
- **500+ days** of daily challenge streak on LeetCode.
- Solved over **1000 DSA** problems on various platforms.