JAHANVI PAL

paljahanvi843@gmail.com | +91-9569698530
LinkedIn | Github

Education

Institute of Engineering and Technology, Lucknow, India   **2021 - 2025(expected)**
- Civil Engineering | CGPA: **7.71**

St. Mary's School, India   **2019 - 2020**
- *ISC (Class XII)*

St. Mary's School, India   **2017 - 2018**
- *ICSE (Class X)*

Skills

Java | Python | HTML | CSS | JavaScript | Node.js | React.js | GitHub

Projects

Sorting Algorithm Performance Comparison   **October 2024**

- Technologies Used: Java, Log4j, Sorting Algorithms, Search Algorithms
- Achievements: Integrated Log4j for detailed logging, enabling users to understand algorithm operations and performance. Provided comprehensive metadata including the number of iterations, swaps, and time taken for each algorithm, facilitating better analysis and comparison.

Personal Portfolio Website   **August 2024**

- Technologies Used: HTML, CSS, JavaScript
- Role: Designed and implemented the website layout, created responsive design, and integrated interactive elements.
- Achievements: Successfully deployed the website, which received positive feedback from peers and mentors. Improved my understanding of front-end development and responsive design principles.

Video-Based Face Recognition System

June 2024

- Technologies Used: Machine Learning, Python, TensorFlow, OpenCV, Google Firebase
- Role: Spearheaded the design and development of a real-time face recognition system, overseeing the conceptualization, algorithm creation, and integration processes.
- Achievements: Engineered and optimized machine learning algorithms and computer vision models to achieve precise face detection and recognition.

Academic and Extracurricular Achievements

JPMorgan Chase & Co. Excel Skills Job Simulation on Forage   **August 2024**
- Acquired proficient command of Excel functionalities and data analysis techniques, including data cleansing, and manipulation, and conditional formatting techniques.
- Acquired proficiency in automation by learning to record macros and script with Visual Basic for Applications (VBA), developing two functional macros integrated with buttons using account sales data.

Goldman Sachs Software Engineering Virtual Experience Program on Forage   **July 2024**
- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
- Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.

Positions of Responsibility

Drama Club | Mentor   **July 2023 - Present**
- Guided and mentored a team of 20+ students in various drama productions and activities.
- Organized and conducted workshops on acting, scriptwriting and stage management.

Social Club | Active Member   **June 2022 - July 2023**
- Led a team of volunteers in planning and executing social projects, ensuring effective communication and teamwork.
- Contributed to the club's social media content by creating content and promoting events.