Arpita Jauhari

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EDUCATION

Pranveer Singh Institute of Technology   **Kanpur, Uttar Pradesh, India**
B.Tech in Information Technology   *2022 - 2025*
Shatrughan Singh GIC   **Kanpur, Uttar Pradesh, India**
Higher Secondary School   *2018 - 2019*
Shatrughan Singh GIC   **Kanpur, Uttar Pradesh, India**
Secondary School   *2016 - 2017*

TECHNICAL SKILLS

Programming Languages: Python, C++, Javascript(basics)
Libraries and Tools: PyTorch, Pandas, Numpy, HTML, CSS, Javascript, ReactJS, Node.js,DBMS
Soft Skills: Effective Communication, Time Management, Adaptability, Probelm Solving,Team Work, Leadership
Others: Machine Learning, Data Structure Algorithms,Operating System, Oops, Computer Networks, System Design(Basics)

EXPERIENCE

- **J.P. Morgan virtual internship program on Forage**
  - **Configured local development environment:** Set up necessary **tools, dependencies**, and downloaded files to create a **functional workspace**.
  - **Debugged and repaired code:** Identified and fixed issues in the **repository**, ensuring the **web application** performed correctly and efficiently.
  - **Implemented data visualization:** Utilized JPMorgan Chase's **open-source library, Perspective,** to create a **dynamic live graph** for monitoring **data feeds** and **Enhanced user experience**

PROJECTS

- **DIY Arudino Hand Gesture Recognition System**
  - Developed **Arduino-based system** for hand gesture recognition using flex sensors and accelerometers.
  - **Technologies Used:** Python for algorithm development, integration, and Arduino.
- **Olympics Data Analysis**
  - Analyzed Olympic datasets to extract insights on athlete performances and event trends.
  - **Technologies Used:** Python libraries like **scikit-learn, pandas**, and **matplotlib.**
  - **Algorithms:** Regression, classification, and clustering techniques.
- **Driver Drowsiness Detection and Accident Alert System**
  - Designed **Android app** for real-time driver drowsiness detection and accident prevention.
  - **Technologies Used: Android Studio, XML, Java**.
  - **Functionality:** Drowsiness detection and accident alerting mechanisms.

ACHIEVEMENTS/CERTIFICATIONS

- **Full Stack Development**: Proficient in both front-end and back-end technologies and **Data Structures and Algorithms** Excelled in **problem-solving prowess** via Love Babbar's training, solving over **300** coding questions across platforms like LeetCode, GeeksforGeeks, and CodeChef through Love Babbar's comprehensive course.
  - **Cloud Computing**: Skilled in deploying applications on cloud platforms through Coursera's intensive program, with hands-on experience in **AWS, Azure**, and **Google Cloud** services.
  - **Machine Learning**: Acquired **in-depth knowledge** of **algorithms** and **modeling techniques** via Coursera's specialized course.
  - **Internship Studio Quiz**: Actively engaged in quizzes covering technology and software development, achieving **top rankings** in numerous challenges.
  - Achieved top rankings in college coding hackathons, showcasing strong **problem-solving abilities** and teamwork skills.

EXTRACURRICULAR ACTIVITIES

- **Awarded first prize in painting competition** in Artshala Club - School - 2015
- **Achieved first place in a community art competition for innovative and creative painting techniques** in YoungArts Competition - School - 2017