Aryan Jhamb

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Objective

Analytical and detail-oriented Information Technology student with a strong foundation in C, C++, Python, and JavaScript. Experienced in developing web applications and solving complex coding challenges. Committed to continuous learning and enhancing proficiency in software development, cybersecurity, and AI-driven solutions.

Education

B.Tech.(IT), Jaipur Engineering College and Research Center, Jaipur | CGPA (V Sem): 9.35	**2022 – 2026**
Senior Secondary, Little Flower Sr. Sec. School, Ramgarh, Alwar | Percentage: 93.2	**2021**
Secondary, Little Flower Sr. Sec. School, Ramgarh, Alwar | Percentage: 78.5	**2019**

Skills

Languages: C, C++, Python

Technologies: HTML, CSS, JavaScript, React.js

Tools: Git, GitHub, VS Code, MySQL, Postman

Data Science and ML: Pandas, NumPy, NLTK, Scikit-learn

Soft Skills: Time Management, Communication Skills, Creative problem-solving, Adaptability, Teamwork

Internship/Training

Trainee|PwC   **Feb, 2025 – Jul, 2025**

Participating in a 16-week program. Key highlights:

- **Python Programming:** Mastered core concepts including data types, control structures, and modular programming.
- **Cybersecurity Fundamentals:** Explored cryptography, network security, and threat mitigation strategies.
- **Prompt Engineering:** Developed skills in crafting effective prompts for AI models like ChatGPT, enhancing AI-driven solutions.

Projects

DSA Progress Tracker | HTML, CSS, JavaScript, React.js, API

- A web application that allows users to monitor their coding journey across platforms like LeetCode, GFG, CodeStudio, HackerRank, and others.
- Designed and implemented an interactive dashboard with daily activity streaks, problem-solving counts, and sheet-completion tracking.

Weather Forecasting App | HTML, CSS, JavaScript, OpenWeatherMap API

- A weather web application that allows users to input a city name and retrieves real-time weather data using public APIs like OpenWeatherMap or WeatherAPI.
- It displays information such as temperature, wind speed, and weather conditions in a user-friendly interface. The app handles errors gracefully, ensuring a seamless user experience.

Fake News Detection System | Python, Pandas, NumPy, NLTK, Scikit-learn

- Developed a machine learning-based system to classify news articles as *Real* or *Fake*.
- Performed text cleaning operations like lowercasing, punctuation removal, stopword filtering, and lemmatization.
- Evaluated performance using metrics such as Accuracy, Precision, Recall, F1-Score, and Confusion Matrix.

Achievements

- Solved 650+ problems on LeetCode, GFG, and CodeStudio.
- Founded and led a chess program for 50+ underprivileged students (in collaboration with ChessBase India).
- Delivered free primary education to over 100 underprivileged students annually as part of the Zarurat initiative for 3 years.