Arshdeep Kaur

Master of Computer Applications

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PROFILE

A motivated and detail-oriented MCA student with a solid foundation in programming, web development, machine learning and database management. Looking for opportunities to apply my technical skills and knowledge in real-world projects. Eager to contribute to team success and take on challenging tasks that allow for both personal and professional growth.

EDUCATION

Examination	Course	Institute	Year	CPI / %
Post Graduation	Master of Computer Applications(Pursuing)	Punjabi University, Patiala	2025	9.04
Graduation	B.Sc. in Computer Science, Statistics & Mathematics	Punjabi University, Patiala	2023	83.89%
Senior Secondary	Non-Medical	Meritorious School, Patiala	2019	90.00%

PROJECTS UNDERTAKEN

Courier Business Automation System | Web Development   **[Jan'24 - May'24]**
Technologies: HTML, CSS, JavaScript, Python Flask, SQL, Oracle
- Automated **courier operations**, including package tracking and delivery scheduling.
- Designed a **responsive interface** using **HTML**, **CSS**, and **JavaScript**.
- Integrated **Oracle database** with **Flask backend logic** for seamless management.

Car Price Prediction System | Machine Learning | Self-Project   **[July'24 - Oct'24]**
Technologies: Python Flask, Linear Regression, HTML, CSS, JavaScript
- Developed a **machine learning model** using **Linear Regression** to predict car prices.
- Deployed the model using **Flask** for a **real-time web-based interface**.
- Evaluated model accuracy using **R-squared** and **RMSE** metrics.

Portfolio Website | Frontend Development | Self-Project   **[Ongoing]**
Technologies: HTML, CSS, JavaScript
- Built a **responsive portfolio website** to showcase academic achievements, skills, and projects.
- Focused on user-centric design and modern web technologies for interactivity.

TECHNICAL SKILLS

- **Programming Languages:** C, **C++**, **Python (Basics)**, HTML, CSS, JavaScript (Basics)
- **Database Management:** SQL, Oracle, **RDBMS**
- **Frameworks/Technologies:** Python Flask, Numpy, Pandas
- **Data Structures & Algorithms:** Familiar with designing efficient solutions
- **Other Tools:** Git, **GitHub**

CERTIFICATIONS

- **Introduction to SQL** – Simplilearn SkillUp : https://simpli-web.app.link/e/oPoM2U20vNb
- **Supervised Machine Learning** – Coursera : https://l1nq.com/3auoC

EXTRA CURRICULAR ACTIVITIES

- Hosted and coordinated **orientation programs** and seminars at Punjabi University, Patiala.
- Participated in alumni interaction series, demonstrating strong organizational and **communication skills**.

LANGUAGES

- **English** (Proficient), **Hindi** (Fluent), **Punjabi** (Native)