Harshit Sharma

LinkedIn: http://www.linkedin.com/in/harshitsharma77 Email: harshitsharma.0777@gmail.com
Github: https://github.com/Harshit-077 Mobile: +91-7696099515

SKILLS

- **Languages**: C, C++, Python, Java, JavaScript, TypeScript
- **Frameworks**: TailwindCSS, Scikit-learn, NextJS, LangChain, LangGraph, CrewAI
- **Tools/Platforms**: MySQL, MongoDB
- **Soft Skills**: Problem-Solving Skills, Team Player, Adaptability

PROJECTS

- **Book Recommender System:** Book Recommender

  Created a semantic and emotion-aware book recommender that helps users discover books based on mood, themes, and natural-language queries. Leveraged Hugging Face embeddings, ChromaDB, LangChain, and a Gradio interface for smooth user experience.

- **Machine Learning Plant Disease Detection:** Plant Disease Detection

  Created an ML-based plant leaf disease detection system to assist farmers with early diagnosis. Collected and labeled training data, built a CNN model from scratch, and deployed the system with an intuitive interface for real-time disease prediction.

- **Portfolio Website:** Portfolio

  Developed a personal portfolio website (hosted on Vercel) to showcase my projects, skills, and professional profile. Built using modern web technologies to provide a clean, responsive, and user-friendly experience.

- **GirlScript Summer of Code '25:** Open Source

  Participated in GirlScript Summer of Code (GSSoC) as an open-source contributor. Implemented new features, resolved issues, optimized code, and enhanced documentation across several GitHub repositories. Worked with maintainers, followed coding standards, and contributed meaningful pull requests that were successfully merged.

TRAINING

- **CSE Pathshala – Summer Training:** June'25 – July'25

  During my summer training, I focused on improving my Python programming skills and gaining practical experience in data analysis and machine learning. I worked a lot on data preprocessing, visualization, and implementing key ML concepts. This experience helped me build a strong foundation for solving real-world problems with Python.

  For a hands-on project, I developed a Gold Price Prediction system. I experimented with six different machine learning models, including linear regression, decision trees, and support vector regression. After comparing their performance with the right evaluation metrics, the Random Forest model turned out to be the most accurate. This project improved my skills in feature engineering, model selection, evaluation, and the overall ML workflow implementation.

CERTIFICATES

- Java (Basic) - HackerRank — Java
- Python (Basic) - HackerRank — Python
- Machine Learning Python – CSE Pathshala — ML
- Computer Networks – Google — Computer Networks

EXTRA CURRICULARS

Participated in Smart Symposium: GD Mastery — Feb '25

Participated in Web Hackathon — Mar '24

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; ***CGPA: 8.49*** — *Since August 2023*
- **Police D.A.V Public School** — PAP, Jalandhar
  Intermediate; ***Percentage: 81.8%*** — *April 2020 - March 2022*
- **Police D.A.V Public School** — PAP, Jalandhar
  Matriculation; ***Percentage: 93.8%*** — *April 2018 - March 2020*