Harshit Sharma

LinkedIn: https://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
- **Frameworks**: Scikit-learn, Next.js, LangChain
- **Tools/Platforms**: MySQL, MongoDB
- **Soft Skills**: Problem-Solving, Team Player, Adaptability

PROJECTS

- **Book Recommender System:** Sept '25 – Oct '25
  - Designed a recommendation platform enabling users to discover books using mood, themes, and natural-language queries instead of traditional filters.
  - Engineered a semantic and emotion-aware recommendation pipeline.
  - Integrated natural-language understanding to support emotion-driven book retrieval.
  - Delivered accurate, context-aware recommendations through a smooth Gradio-based interface.
  - Tech Used: Python, HuggingFace embeddings, LangChain, ChromaDB, Gradio
  - Book Recommender
- **GirlScript Summer of Code '25:** Jun '25 – Aug '25
  - Contributed to open-source projects while developing real-world coding and collaboration skills.
  - Added new features, resolved issues, optimized code, and enhanced documentation across multiple repositories.
  - Gained hands-on experience in distributed development and open-source workflows.
  - Tech Used: Git, Github, Next.js
  - Open Source
- **Portfolio Website:** May '25 – May '25
  - Established a professional online presence to showcase projects, technical skills, and achievements.
  - Implemented a modern, responsive, and minimalistic portfolio using contemporary web technologies.
  - Successfully deployed a feature-rich, mobile-friendly portfolio on Vercel and improved personal branding for placements.
  - Tech Used: Next.js, Git, Github, Vercel
  - Portfolio
- **Machine Learning Plant Disease Detection:** Mar '25 – Apr '25
  - Trained a machine learning solution to help farmers diagnose plant diseases early and reduce crop loss.
  - Collected and labeled plant leaf data, trained a CNN model from scratch, and designed an intuitive prediction interface.
  - Built a reliable ML system capable of identifying plant leaf diseases with high accuracy.
  - Tech Used: Python, CNN, Numpy, Django
  - Plant Disease Detection

TRAINING

- **CSE Pathshala – Summer Training:** June'25 – July'25
  - Improved Python programming skills through summer training.
  - Worked extensively on data preprocessing, data visualization, and implementing core ML concepts.
  - Developed a machine learning system to predict gold prices.
  - Experimented with six ML models, including Decision Trees, and Random Forest.
  - Compared model performance using appropriate evaluation metrics.
  - Identified Random Forest as the most accurate model.

CERTIFICATES

- Machine Learning Python – CSE Pathshala — ML — July '25
- Java (Basic) - HackerRank — Java — May '25
- Computer Networks – Google — Computer Networks — Sept '24
- Python (Basic) - HackerRank — Python — May '24

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: 81.80*** — *April 2020 - March 2022*
- **Police D.A.V Public School** — PAP, Jalandhar
  Matriculation; ***Percentage: 93.80*** — *April 2018 - March 2020*