

HARSH GOEL

📞 +91-8285772450 ✉️ harsh580g@gmail.com [🌐 LinkedIn](#) [🐙 Github](#)

EDUCATION

B.Tech Computer Science and Engineering , NIT Hamirpur Aug 2023 – May 2028

CGPA: 7.62

Relevant Coursework: Operating System, Object Oriented Programming, Data Structure and algorithm, Computer Networking, Optimization Techniques

EXPERIENCE

Problem Setter, CSEC Aug 2024 – Present

- Proposed, framed and tested **13** problems for internal coding contests

Project Lead, .EXE Jan 2024 – Present

- Led the fine-tuning of Qwen-5.0B on a domain-specific dataset to build “BharatLaw”, an AI legal assistant.
- Achieved satisfaction rating of **7** out of **10** .

Partnerships Manager, E-Cell NIT Hamirpur Oct 2023 – Aug 2024

- Cultivated relationships with 8+ judges and mentors, securing INR **5,000** in cash prizes and INR 10,000 in in-kind support; this resulted in the highest-rated feedback from participants.

SKILLS AND INTERESTS

Competitive Programming: Pupil(1208) on codeforces

DSA problem solving: 200 problems solved on leetcode

Languages: C/C++, Java, python

Libraries & Frameworks: pandas, numpy, tensorflow, torch, scikit-learn

Developer Tools: Postman, Github, Jenkins

Soft Skills: Communication , Collaboration, Leadership.

PROJECTS

Legal and Layman Judgement Summarizer March 2025 – Present

- Working under a professor on a **government-sponsored** legal AI project focused on summarizing Indian court judgments in both formal legal and layman-friendly language, in collaboration with a team of 5.
- Fine-tuned and benchmarked multiple transformer models (e.g., BART, T5, PEGASUS, LED) on curated legal datasets using High Performance Computing (HPC) resources for accelerated training.
- Built and automated a web scraper for SSCOnline, collecting high-quality legal judgments for training and evaluation.
- Evaluated model performance using advanced metrics: ROGUE, FKGL, GFI, BERTScore and NEPrecision

BharatLaw - Your AI assistant for legal doubts | *Github* Apr 2025 – May 2025

- Fine-tuned Qwen2-0.5B, a lightweight open-source LLM, to classify informal Indian legal queries with multi-label support across various acts and sections.
- Created a dataset of **5,000+** synthetic QA pairs covering bail, IPC, CrPC, and family law.
- Achieved optimized inference for deployment on low-resource/edge devices.
- Tech Stack: Python, Flask, Transformers, PyTorch, Git

POSITIONS OF RESPONSIBILITY

Secretary, CSEC NITH Aug 2024 – Present

- Played a pivotal role in the seamless execution of the Hack 5.0 hackathon, ensuring a hassle-free experience for over **500** participants, resulting in a **92%** satisfaction rate.