

Harshita Loomba

+91 623-910-3376 | hloomba_be23@thapar.edu | [linkedin.com/in/harshita-loomba](https://www.linkedin.com/in/harshita-loomba) | [Github](https://github.com) | harshitaloomba.vercel.app

SUMMARY

Computer Engineering student with experience in machine learning model development and data analysis. Proficient in Python, JavaScript, and database management with MongoDB and MySQL. Analyzed multi-year operational data to drive organizational decisions and revenue generation. Seeking to apply analytical and technical skills in business intelligence and data-driven decision making for banking operations.

EDUCATION

Thapar Institute of Engineering and Technology

Patiala, Punjab

Bachelor of Engineering in Computer Engineering

Aug. 2023 – May 2027

- Current CGPA: 8.10/10
- Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Finance Accounting and Valuation

EXPERIENCE

AIIESEC in Patiala, AIIESEC in India

Feb. 2024 – Jan. 2025

Team Leader, Outgoing Global Volunteer

Thapar Institute of Engineering and Technology

- Led a high-performing team of 15+ members, driving collaborative efforts and achieving organizational objectives through strategic leadership and performance management.
- Managed Outgoing Global Volunteering (oGV) product for 100+ individuals, coordinating with leadership to ensure comprehensive alignment with strategic organizational goals.
- Managed and analyzed five years of data from global volunteer operations, driving insights that contributed to generating revenue for the organization.
- Implemented targeted social media marketing strategies and conducted market research to enhance global volunteering project visibility, increasing participant engagement by 20%.

PROJECTS

HOSMAS – Hostel Management System | *Next.js, Django, Go, PostgreSQL, Redis, Celery*

Ongoing

- Spearheaded microservices hostel platform (Next.js, Django, Go) for **2000+** residents across allocation, laundry, cleaning, leave, and mess modules
- Deployed async task pipeline via Celery and Redis with normalized PostgreSQL schema across **5+ services**, cutting overhead by **40%**

Robotics Lab Website | *React.js, HTML5, CSS3, SEO* | [GitHub](#) | [Live](#) | [Letter Of Recommendation](#)

Recent

- Designed responsive research website using React.js with SEO optimization, increasing traffic by 40% and reducing load time by 35%
- Created 12+ reusable components showcasing 8+ research projects with faculty collaboration

LeetCode Tracker | *React.js, Express.js, MongoDB, Docker, Jenkins, Nginx* | [GitHub](#) | [Demo](#)

Recent

- Engineered full-stack tracking application with React.js, Express.js, and MongoDB serving 100+ users with topic-wise problem filtering
- Deployed with Docker and automated CI/CD using Jenkins and Nginx, reducing deployment time by 30%

TECHNICAL SKILLS

Languages: C/C++, HTML, CSS, Python, R, JavaScript

Frameworks/Libraries: React.js, Next.js, Express.js, Tailwind CSS, Node.js

Tools: Visual Studio Code, GitHub, Postman, MongoDB, MySQL, Tableau, Figma, Notion, Jira, Trello, Miro

DevOps & Deployment: Docker, Jenkins, Nginx, GitHub Actions, Git, Vercel, AWS, Azure

Soft Skills: Decision Making, Public speaking, Team Management, Leadership, Stakeholder communication

CERTIFICATIONS & ACHIEVEMENTS

Thapar Summer School 2024 for ML and DL | Python (ML, DL, NLP, IP)

Deloitte Australia - Data Analytics Job Simulation | [Certificate](#)

Received 3rd position in Corporate Roadies 2023 conducted by Enactus, Thapar University.