Liza Garg

Portfolio | +91 8146542681 | lizagarg5@gmail.com | LinkedIn | Github | Leetcode

EDUCATION

Thapar Institute of Engineering and Technology   September 2022 – June 2026
B.E. in Computer Engineering (CGPA: 8.51/10)   *Patiala, Punjab*

GNDPS (12th) | St. Xavier's School (10th)   May 2020 – July 2022
12th CBSE - 95% (2022) | 10th CBSE - 97% (2020)   *Bathinda, Punjab*

EXPERIENCE

Backend Developer Intern   June 2025 – July 2025
NOTATMRP
- Developed and optimized backend systems for asset management using the **MERN stack.**
- Devised **role-based control panels** to streamline operational workflows, improve status tracking, and reduce manual overhead by over **40%.**

PROJECTS

EchoVerse | *React.js, Hono.js, Prisma, PostgreSQL, Typescript*   March 2025
- Built a secure **blogging platform** leveraging React.js, Hono.js, and Prisma.
- Integrated **robust authentication** and authorization features for secure user access.
- Enabled seamless blog management, boosting content creation efficiency by **30%.**

Sahayika | *React.js, BERT, Tesseract.js, Vosk, spaCy*   July 2025
- Designed a web app to auto-fill financial forms for **underserved women**, cutting manual effort by **80%.**
- Mapped Aadhaar fields to form inputs using **token similarity**, with **90%+ accuracy** in mapping.
- Used **spaCy and BERT** to match **voice input** to form fields, enabling **hands-free entry**.

BhavAnuvad | *NLP, Python, Transformers*   January 2025
- Developed a Hindi **sentiment analysis** app using IndicBERT and transformer-based NLP.
- Fine-tuned **IndicBERT** on a kaggle dataset, achieving **90% accuracy** across 7 sentiment categories.
- Enabled real-world use cases such as chatbots, feedback analysis, and social media monitoring.

LEADERSHIP & MENTORSHIP

Executive Member | *Creative Computing Society, Thapar University*
- **Mentored** over **150** students by conducting **10+ technical workshops.**

Mental Health Student Ambassador | *Thapar Institute Counselling Cell*
- Designed, developed and maintained the official website, boosting student engagement by **50%.**

Mentee | *Codess Cafe - Mentorship community for women in tech*
- Collaborated with peers and mentors, fostering a strong support network among **women in tech.**

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, SQL, HTML/CSS
Frameworks & Libraries: React.js, Express.js, Bootstrap, Tailwind, NumPy, Pandas, Matplotlib
Databases & Tools: MySQL, PostgreSQL, MongoDB, Git, GitHub, Node.js, VS Code, Postman, Figma
Core Concepts: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks
Explored Technologies: PyTorch, TensorFlow, LangChain, JavaFX, IntelliJ IDEA

ACCOMPLISHMENTS

- Solved **350+** questions across platforms like **LeetCode, InterviewBit, and GeeksforGeeks**.
- Selected among the top **25** teams out of **1000+** in the **World Wide Technology (WWT) Hackathon.**
- Selected Participant, **GirlScript Summer of Code 2024**, gaining exposure to **open-source** development workflows.
- **Semi-Finalist in Flipkart GRID 6.0**, a national-level engineering challenge on real-world problem solving.