

Shivam Lather

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EDUCATION

B.E. (CSE) - 8.2 CGPA

UIET, Panjab University

2022 - 2026

TECHNICAL SKILLS

- **Languages:** C, C++, HTML, CSS, JavaScript, TypeScript, Python, SQL
- **Frameworks / Libraries:** React.js, Next.js, Node.js, Express.js, Hono.js, FastAPI, Socket.io, Tailwind CSS, Recoil, Zustand, Framer Motion
- **Databases:** PostgreSQL, MongoDB, Firebase
- **Tools / Platforms:** Git, GitHub, VS Code, Postman, Docker, Linux, AWS, Swagger, Cloudflare Workers, Kubernetes
- **ORM / Backend Utilities:** Prisma, Redis, SQLAlchemy, REST APIs

INTERNSHIPS

Full Stack Intern, Nannie ai.

Jan 2025 – Present

- Refactored codebase for better **readability** and reduced unnecessary **API calls** and **re-renders**.
- Implemented **responsive design** across devices for a seamless user experience.
- Reduced **bundle size** by over **50%**, improving **production performance**.
- Contributed to **debugging** and refining key **workflows** for smoother functionality.

Full Stack Intern, Homes & Homies.

Sep 2024 – Oct 2024

- Debugged **backend routes**, optimized **queries**, and fixed logical issues.
- Created detailed **API documentation** using **Swagger**.
- Enhanced frontend with improved **micro-interactions**.
- Resolved critical **frontend bugs** for a smoother user experience.

ACADEMIC PROJECTS

FingerIt | Live | GitHub (Next.js, NextAuth, WebSockets, PostgreSQL, Node.js)

- Developed a website to improve **typing speed** through interactive practice modes.
- Implemented a **custom character mode** to build finger-specific **muscle memory**.
- Enabled **real-time multiplayer rooms** for competitive typing tests.
- Added a **practice mode** with randomly generated sentences for daily improvement.

Skribble | Live | GitHub (Next.js, Node.js, Express.js, WebSockets, PostgreSQL, Prisma)

- Built a real-time **collaborative drawing** and **chat** web app.
- Implemented secure **authentication** for user login.
- Enabled users to **create rooms** for group collaboration.
- Supported live **scribbling and messaging** among participants.

StoryHub | Live | GitHub (React.js, Firebase, PostgreSQL, Prisma, Cloudflare Workers)

- Built a platform for **unrestricted blog posting** and personal expression.
- Users can explore and learn from **community-written blogs**.
- Implemented secure **authentication** to protect user profiles.
- Integrated a clean and minimal UI for a better **reading experience**.

ACHIEVEMENTS / ALGORITHMIC COMPETITIONS

- Solved **400+** Data Structures and Algorithms questions on platforms like **LeetCode** and **Codeforces**, strengthening problem-solving skills.

LEADERSHIP & CLUBS

- **Head, Gaming Club UIET** – Organized multiple **FPS gaming tournaments** including Valorant and CS:GO, encouraging student participation and team coordination.
- Coordinated event logistics, prize distribution, and online streaming to boost engagement.