

Yashraj Singh Pahwa

+91-989-939-5955 | ypahwa_be24@thapar.edu | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE

An engineer skilled in software development, cloud architecture, and DevOps. Proficient in Jira, system design and dedicated to delivering innovative, product-focused solutions.

PROFESSIONAL EXPERIENCE

Product Engineering Intern – Founder's Office

January 2025 – Present

Medlr

- **Managed the product roadmap**, planning features based on business impact and user needs.
- Obtained **5,000+ organic page clicks** and **onboarded 100+ pharmacies** within 45 days.
- Used **Jira to assign tasks** and **track progress** with the team to execute **timely feature rollouts**.
- Built **memory-cached sitemaps** by fetching **700,000+ medicines** for improved search visibility.
- **Revamped the authentication and authorization service**, enhancing system integrity & DX.
- Documented **new APIs with Postman** and **developed a deprecation plan** to transition.

Project (TIET Sponsored)

October 2024 – Present

Thapar Institute of Engineering & Technology

- **Streamlined the placement process** and **centralized data access** for the placement cell, **350+ recruiters**, and **8,000+ students**.
- Implemented Google login integrating it with existing databases for a **~15% faster experience**.
- Delivered a **mobile-first experience** with **revamped state management** improving the DX.
- Designed deployment architecture with **AWS EC2** and **Lambda Functions**.

EDUCATION

Thapar Institute of Engineering & Technology — Patiala, India

2024 - 2028

Bachelor of Engineering in Computer & Electronics Engineering

CGPA: 8.22

PROJECTS & CONTRIBUTIONS

MLSC Thapar Timetable — Open-Source Contribution ([timetable](#))

- Improved user experience by enabling local saving of course names, **eliminating the need to repeatedly reference subject codes** by applying DOM manipulation techniques to streamline the timetable interface for users.

Conceptometry ([source](#))

- Developed a **user-centric** and **open-source** Learning Management System (LMS).
- Engineered CI/CD pipelines using Docker, GitHub, and other tools, **streamlining the cloud deployment workflow** and ensuring **minimal human intervention**

TECHNICAL SKILLS

C, JavaScript, Go (Learning), Node.js, Express.js, React.js, SQL, Docker, AWS, Digital Ocean, Cloudflare, Netlify, Vercel, Git, MySQL, MongoDB, Firebase, Redis, Prisma, Jira

POSITION OF RESPONSIBILITY

- **PLEX** – Led projects, worked on Plexus and organized a product workshop at the college fest.
- **Creative Computing Society** — Attended various intra-college hackathons and workshops.