# Ribhav Singla

+91-9815653691 | ribhavsingla2166@gmail.com

[LinkedIn](#) | [LeetCode](#) | [GitHub](#)

## EDUCATION

**Panjab University** — CGPA: 9.27
*Bachelor of Engineering in Computer Science and Engineering (ongoing)* — *Nov. 2022 – May 2026*

## TECHNICAL SKILLS

**Subjects**: OOPS, Data Structures, Algorithms, OS, DBMS
**Languages:** C++, Python, JavaScript, TypeScript, SQL, HTML & CSS
**Libraries/Frameworks:** React.js, Node.js, Express.js
**Tools/Databases:** Git, Postman, MongoDB, MySQL, PostgreSQL

## EXPERIENCE

**Full Stack Web Developer Intern** — Remote
*SparkScale India* — *May. 2025 – July 2025*

- Developed a client-ready lodge booking platform using Next.js, TypeScript, and Prisma with a fully responsive admin dashboard, AWS S3 support, and dual authentication, a project assigned by the company's founders.

**MERN Stack Development Training** — Mohali, India
*Esferasoft Solutions Pvt. Ltd.* — *June. 2024 – July 2024*

- Engineered a device management system for managing device allocation in the organization.
- Built a real-time user interface for device booking, returns, and live activity logs.
- Expanded a real-time admin dashboard to manage devices and employees, and to monitor live users.

## PROJECTS

**CPU Scheduling Visualizer** | [GitHub](#) — Next.js, Data Structures, Algorithms

- Constructed an interactive and educational tool for understanding 6 CPU scheduling algorithms.
- The tool features a dynamic Gantt chart showing which process is running on the CPU at any time.
- It also displays a comparison graph of average waiting and turnaround times to assess algorithm performance.

**Event Management Platform** | [GitHub](#) — PostgreSQL, Express.js, React.js, Node.js

- Developed EventHub, an interactive event management platform on **AWS**, supporting features like real-time chat and an analytics dashboard.
- Implemented PostgreSQL for database management and used **Docker** for containerization.
- Built a responsive front-end with charts and sent daily event notifications to newsletter subscribers.

**SQL Data Warehouse Analytics Pipeline** | [GitHub](#) — SQL, MySQL, Python, Power BI

- Built a data warehouse that integrates data from various sources for analytical purposes.
- Implemented a layered architecture consisting of 3 layers.
- Performed exploratory data analysis to answer business questions along with dashboard.

## ACHIEVEMENTS

- Solved over 1000+ problems on LeetCode, primarily in C++ and SQL.
- Ranked 2000 in Weekly Contest 445 and 2139 in Contest 422 on LeetCode.
- Selected among the Top 125 teams nationwide in ZS Campus Beats 2025.

## CO-CURRICULAR ACTIVITIES

- Selected as Delegate for Viksit Bharat Young Leaders Dialogue 2025, representing Chandigarh at the final round in New Delhi.
- Cleared the college-level round of the Smart India Hackathon (SIH) 2024.