Sarabjeet Singh Lamba

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LinkedIn   Portfolio

EDUCATION

Year	Degree	Institute	CGPA/%
2021 - 2025	B.Tech (CSE)	Maharaja Agresen Instituite of Technology(MAIT), New Delhi	8.17 CGPA
2020	12th CBSE	Salwan Public School, Gurugram	88%
2019	10th CBSE	Salwan Public School, Gurugram	95%

EXPERIENCE

- **SDE Intern, Biz Staffing Comrade Pvt Ltd.**   *(September 2023 - December 2023)*
    - Architected and built a microservice-based application comprising **6 services**, efficiently handling **500 API requests** per second.
    - Implemented advanced **Caching strategies using Redis**, resulting in a remarkable **90% decrease** in data loading time.
    - Successfully deployed **API gateways** to streamline traffic, leading to a significant **50% reduction** in API hit rate on micro-services.
    - Proficient in managing **8 databases simultaneously**, ensuring seamless data handling and system reliability.
    - Collaborated with a team of 3 to troubleshoot and streamline project workflows, enhancing **efficiency and project delivery**.
    - Designed and implemented a secure and scalable login service, enhancing user authentication and authorization, which **reduced unauthorized access attempts by 90%**.

PROJECTS

- **Sgit**   Github
    - Developed Sgit, a lightweight version control system that efficiently handles **100+ file changes** and commits for smaller projects, making version control easier and faster compared to traditional tools like Git.
    - Optimized Sgit for small-sized projects, achieving **faster commit**, **staging**, and **log viewing times**, up to **3x faster than Git** for repositories with fewer than 100 files and minimal branching.

- **Plinko Rush**   Github
    - A game where you drop a disc down a peg-filled board, aiming to land it in slots with varying prizes or points, with over 50 pegs redirecting the disc to create a unique outcome for each drop.
    - Crafted a seamless, **responsive UI** using **Next.js** and **TypeScript**, while leveraging **ExpressJs** to ensure robust server-client communication.

- **Tesla Clone**   Github
    - Tesla Clone is a web page designed to mirror the official Tesla site, showcasing my **proficiency** in frontend development.
    - Utilized various **ReactJS** libraries to build the frontend application, demonstrating a commitment to modern and interactive web development.

TECHNICAL SKILLS

- **Frontend:** HTML, CSS, Tailwind CSS, JavaScript, React.js, Next.js, TypeScript
- **Backend:** Node.js, Express.js, MongoDB, Prisma
- **Additional Technologies:** Docker, C, C++, and Python

ACHIEVEMENTS

- Solved 300+ DSA problems on LeetCode (1740+ rating), GeeksforGeeks, and Coding Ninjas.
- Part of a 50+ team, I co-organized an internship fair for 500+ students, securing internships for 50+ participants.
- Ranked in the top 5 percentile of the Adobe GenSolve Hackathon.