

SITANSHU LALL

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EDUCATION

BHILAI INSTITUTE OF TECHNOLOGY
B.Tech. in Computer Science and Engineering (AI)

Durg, Chhattisgarh, India
Expected May 2025

DELHI PUBLIC SCHOOL
Senior Secondary (XII)

Bilaspur, Chhattisgarh, India
April 2009 - March 2021

SKILLS

Programming Languages: C, C++, JavaScript, Python

Web Technologies: React.js, Next.js, Redux, Node.js, Express.js, Tailwind CSS, Firebase

Databases: MongoDB, Prisma ORM, NeonDB, MySQL

Version Control: Git, GitHub

Coursework: Data Structures, Algorithms, OS, DBMS, OOP

Others: English (Professional), Hindi (Native), Canva, Adobe Lightroom, DaVinci Resolve

PROJECTS

HIVE - An Intuitive Project Management Tool

Tech Stack: Next.js, NeonDB, Prisma ORM, Clerk, shadcn/ui

[\(Source Code\)](#) [\(Project Link\)](#)

- Developed a Kanban board with drag-and-drop tasks, priority tagging, and deadlines, enabling real-time team collaboration.
- Built secure auth (**Clerk**), responsive UI (**Next.js/Shadcn**), and optimized database (**Prisma/NeonDB**) for efficient workflows.

Code-Collab: A Real-time Collaborative Code Editor

Tech Stack: React.js, Node.js, Express.js, CodeMirror, Socket.IO

[\(Source Code\)](#) [\(Project Link\)](#)

- Engineered real-time collaboration using **Socket.IO** for instant code synchronization across multiple users, with CodeMirror providing syntax highlighting and multi-language support.
- Developed a full-stack solution with **React** frontend and **Node.js/Express** backend to facilitate seamless live coding sessions.

Currency Converter

Tech Stack: React.js, Tailwind CSS, Node.js, Frankfurter API

[\(Source Code\)](#) [\(Project Link\)](#)

- Developed a responsive currency converter with **React.js**, **Tailwind CSS**, and **Node.js**, integrating [Frankfurter API](#) for real-time exchange rates.

WORK EXPERIENCE

SWAROOP.AI

Product Management Intern

Remote

May 2024 – June 2024

- Managing AI/ML and Data Science teams by assigning tasks, and monitoring progress, facilitating smooth project execution.
- Maintained constant communication with the CEO and core team, gaining valuable insights into strategic decision-making.
- Utilized Kanban boards, Scrum methodology, and Agile development principles to streamline workflow, improving teamwork and team-managing capabilities.

EXTRACURRICULAR

- Hult Prize BITD 2024** - Co-Campus Director
- TechnoHub BITD** - General Manager
- TEDxBITD 2023** - Public Relations Member
- Mozilla Durg** - Member
- Google Devfest Bhilai 2023** - Volunteer