

# Mayank

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## SUMMARY

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I am a CS student experienced in web dev, web3 dev, smart contracts and competitive programming. I am comfortable working with TypeScript, C++, MERN stack, NextJS, and PostgreSQL. I learned Rust and Solana development last summer. Currently, I'm practising DSA in C++ and recently started exploring open source projects. I will spend most of my time either there or in an internship if I get one.

## PROJECTS

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### Writso



- A web platform for writers to write articles, get AI-generated reviews, share, and discuss Topics.
- Learnt new ways to structure projects for development at scale and maintainability.
- **Tech Stack:** NextJS, Typescript, PostgreSQL.

### Multiplayer-Chess



- Built a Real-time multiplayer chess application exploring WebSocket-based communication and game synchronisation.
- Added a unique mode called Hand and Brain Chess, where two players collaborate per side.
- **Tech Stack:** ReactJS, Typescript, Socket.io.

### Token-Launchpad



- Platform for creating Solana-based tokens.
- Learned about RPC methods, Transaction building, Solana account structure, and token mechanics.
- **Tech Stack:** ReactJS, JavaScript, Solana web3.js and wallet adapter.

### Second-Brain



- Personal knowledge management tool for saving, organising, and sharing notes/links.
- Future plans: AI-powered context-aware search leveraging saved data.
- **Tech Stack:** React, TypeScript, and MongoDB.

For more projects, please visit my [Github](#)

## TECHNICAL SKILLS

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Languages : C++, Javascript, Typescript, Rust  
Frontend : ReactJs, NextJs  
Backend: NodeJs, Express  
Database: MongoDB, PostgreSQL  
Devops Docker

## EDUCATION

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2024 - present	B.Tech (CSE) at IPU	(CGPA: 8.8)
2024	Class 12th CBSE Board	83.6%
2022	Class 10th CBSE Board	96.4%