

Adarsh Singh

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering(CGPA- 8.82)

Bhopal, MP

2023 – 2027

Kendriya Vidyalaya (CBSE)

Ghaziabad,UP

Class 12th - **86.2%**

2021-2022

Class 10th - **91.2%**

2019-2020

EXPERIENCE

Web Lead

March 2024 - Present

AI Club VIT Bhopal

- Developed and maintained a responsive and **micro-interaction-rich** website for the AI Club.
- Utilized **React.js,Framer Motion** for optimal performance and rich interactivity of the website
- Collaborated** with club members to gather requirements, iterating on UI/UX designs to create an intuitive interface that highlighted AI club events, driving traffic.

PROJECTS

[Skill Swap Platform](#) | Live | *ReactJs,Express, Prisma, JWT, MongoDB*

- Utilized **Prisma** for database schema management and **MongoDB** for data storage, with secure user authentication via **JWT**
- Engineered an optimized Express.js backend for **matchmaking** and collaborative learning sessions.
- Implemented automated **JWT** token refresh, ensuring continuous user authentication without disruptions improving user experience
- Added **caching** to store and serve unchanging **API** data efficiently, reducing unnecessary requests and improving **performance**
- Played a vital role in a collaborative project with a fellow developer

[DevNotes](#) | *Javascript,NodeJs,Ink,CLI*

- Developed a **Command line app** that enables users to create, manage and sync their markdown notes.
- Optimized performance with Node.js **asynchronous operations** and local file system integration, ensuring quick access and minimal latency during note management tasks.
- Designed intuitive terminal UI using Ink to render interactive components like forms, lists, and previews, leveraging React-like patterns for state management and dynamic updates in the console.

TECHNICAL SKILLS

Technical Skills: C++, Javascript, ReactJs, Next.js, Redux, Prisma, MongoDB, TailwindCSS,Go

Developer Tools: Sublime Text, VS Code, Postman, Git/Github, Firebase

ACHIEVEMENTS

- Secured Top 50 out of 300 teams in VIT Bhopal x Johns Hopkins Health International Hackathon.
- 300+ problems solved across Codeforces, LeetCode, and CodeChef
- Achieved Pupil rank on **Codeforces**, reaching a maximum rating of **1218**.
- Secured top 10 finish out of 400 teams in GDGC hackathon hosted by LNMIT Jaipur.

CERTIFICATES

- * Networking Basics(Cisco) - [Certificate](#)
- * Cloud Computing(NPTEL) - [Certificate](#)