AMRITANSHU   3rd Year BTech Student

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Education

BTech, Information Technology, *Manipal University Jaipur* **8.96/10**	2020/08 – present Jaipur, India
Intermediate, *Fiitjee Junior College* **90.6%**	2017/04 – 2019/03 Hyderabad, India
Matriculation, *Kendriya Vidyalaya* **10/10**	2016/04 – 2017/03 Hyderabad, India

Professional Experience

MERN Stack Teaching Assistant, *AirCampus*   2022/05 – 2022/06
- Managed and resolved queries of over 60+ students from different age groups.

FrontEnd Lead, *ACM, MUJ*   2022/02 – 2022/05
- Collaborated with and mentored three other frontend developers.
- Made wireframe of event portal and executed it using React.
- Coordinated with backend development team.

Web Developer, *SoftDodge*   2022/01 – 2022/02
- Helped in UI development of the main upload dashboard and several web pages.

Skills

Languages	**Web Technologies**	**Database**
C, C++, Python	HTML, CSS, JavaScript, React, NodeJS, NextJS, PHP	MongoDB, MySQL

Projects

Enhanced Recommendation System ⬀
- Developed a recommendation system using Surprise library and utilized Optuna for hyperparameter tuning. Also created a prototype for the frontend.
- Worked on MovieLens and Book-Crossing datasets.
- Worked on a research paper based on the same topic focusing on comparative analysis of kNN based algorithms present in Surprise.

OpenCourseWare Learning Application ⬀
- Developed an online learning platform using NextJS, TypeScript, Prisma and MongoDB.
- Used next-auth for user authentication.

Project Management Website ⬀
- Used React and Firebase.
- Implemented authentication and chat/comment section.

Youtube Web Scraping ⬀
- Length of Youtube playlist calculated using web scrapping.
- Used Puppeteer, NodeJS, JavaScript

Awards

1st position in Codeathon, *IEEE MUJ*

Google Summer Camp Finalist, *Google, India*