

AYUSH SAHU

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EDUCATION

B.Tech, Computer Science and Engineering

Institute of Engineering and Technology, Lucknow

Nov 2021 - Jun 2025

CGPA - 8.31

WORK EXPERIENCE

React Developer -Internship

May 2024 - Jul 2024

SAIYLI

- Implemented real-time communication capabilities using Socket.IO, leveraging event-driven architecture to facilitate instant data exchange between clients and the server.
- Designed and developed a scalable cart management system, optimizing data structures and algorithms for efficient storage and retrieval of user shopping cart data.

[Certificate](#)

React Developer -Internship

Aug 2023 - Oct 2023

WHILE

- Implemented and optimized React components at WHILE during internship, enhancing the functionality and user experience of web applications.
- Collaborated with the development team to deliver efficient and responsive React-based solutions for WHILE, showcasing a commitment to front-end excellence.

[Certificate](#)

PROJECTS

GrievEase

[View Link](#)

- Empowering users to address grievances effectively, a React and Firebase-based platform offers a seamless interface for lodging and resolving complaints with ease and also connect local professionals to it locality members.
- **Tech-Stack Used** : React JS , Firebase, Chart JS, Socket io, Material ui, Tailwind CSS.

RealTime-Whiteboard

[Link](#)

- A real-time collaborative whiteboard enabling two users to interact with features such as free drawing, element creation, and image uploads. .
- Added real-time video calling using WebRTC for smooth communication during collaboration.
- **Tech-Stack Used** : React JS, Node JS, Mongo DB, JWT authentication, Socket io, Konvo JS, WebRTC, Tailwind CSS.

AI Planet Chatbot

[Link](#)

- An application that allows users to upload PDF files, converts them to vector data, and uses a chatbot interface to answer user queries by searching the uploaded PDFs with FAISS, providing accurate responses based on the document content.
- **Tech-Stack Used** : React JS , FastAPI, LangChain, Gemini, FAISS, Tailwind CSS.

ACHIEVEMENTS

- Attained the top position in the prestigious **HackIET** hackathon, hosted by the collaborative efforts of **GDSC** and **IEEE**, by introducing our pioneering project "**Grievease**," triumphing over more than **50** competing teams.
- Earned the esteemed **runner-up** title in the **GOC** (Competitive Coding Competition),.
- Emerged as one of the **top 5** teams in **SIH** (Smart India Hackathon) **Internal Hackathon**.
- **Pupil** in Codeforces with maximum rating of **1277**.
- More than **250** contributions in **Github**.

TECHNICAL SKILLS

Languages

JavaScript, C/C++, Java.

Libraries/Framework

React JS, Node JS, Django, Konvo JS, LangChain, FastAPI, RestAPI, Socket io, Chart JS.

Tools

GIT, Github, , Redux, React Router, Postman.

EXTRA-CURRICULAR ACTIVITIES / VOLUNTEERING EXPERIENCE

- **Student Co-ordinator** at DSW IET Lucknow
- **Hostel Secretary** at Vishvesharaiya A Hostel IET Lucknow.