AKHIL PRATAP SINGH

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EDUCATION

Indian Institute of Information Technology, Ranchi Ranchi, India *Bachelor of Technology in Computer Science and Technology. Nov 2020 – Jun 2024*

Delhi Public School , Greater Noida (U.P) Greater Noida, India *Intermediate Education. Aug 2019 – July 2020*

PROJECTS

StudyNotion |React , MongoDB , Express , Tailwind CSS |
- Developed an educational platform named Study Notion using the **MERN** stack.
- Designed **MongoDB** database schema and RESTful APIs with **Express.js**.
- Created dynamic React frontend with **Cloudinary** integration for media uploads and **Nodemailer** to send mails. Implemented **JWT authentication** to ensure secure user access, protecting user data and providing a seamless login experience.
- Deployed the application on [**render.**com/**Vercel**]

Blogaroo | React , React Redux , MongoDB , Express , Tailwind CSS |Github
- Utilized the **MERN** stack (MongoDB, Express.js, React, and Node.js) to build a robust and scalable application, showcasing my proficiency with these technologies.
- Implemented **JWT authentication** to ensure secure user access, protecting user data and providing a seamless login experience. Integrated **Cloudinary** to efficiently handle media uploads and storage, optimizing site performance and user experience.
- While the website is currently not responsive, I've recognised the importance of this aspect and am actively leveraging **Tailwind CSS** to rectify the issue. Tailwind's utility-first approach allows for efficient responsiveness adjustments.

SKILLS & INTERESTS

Technical:

- CPP , Data Structure and Algorithms (DSA).
- Frontend Technologies : React, HTML, CSS , JavaScript.
- Databases : MySQL, MongoDB.

Language: English (FULL Proficiency) **,** Hindi (Native or Full Proficiency).
Interests: Problem Solving**,** Reading, Swimming.

COURSE WORK

- Computer Network (CN)
- Operating System (OS)
- Database Management System (DBMS)
- Object Oriented Programming (OOPs**)**

ACHIEVEMENTS

Smart India Hackathon
- Team Leader Jan 2022 – March 2022
- Developed an integrated platform to provide information on the courses offered by Indian universities. • Vision: Provide an easy and hassle-free admission experience for aspirants of all streams.
- Mentored 10+ Students as a part of House of Geeks - BlockChain And CyberSecurity Wing