AYUSH CHAUHAN

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Portfolio | Leetcode | Github | Linkedin | CodeChef

Education

Course	Session	INSTITUTE	%/CGPA
B.Tech	2021-25	Netaji Subhas University of Technology	8.26 CGPA
CBSE XII	2019-2020	SBBM Govt. Sarvodaya Vidyalaya	94.4%
CBSE X	2017-2018	SBBM Govt. Sarvodaya Vidyalaya	93.6%

Projects

PenPalace (Blogging WebApp) : Visit   Github-Frontend   Github-Backend
- Developed a Full Stack MERN application having CRUD functionalities for **blogs**, **likes**, **comments** and **dashboard**
- **Session Persistence(24hrs)** and **Secure authentication** system to manage user access
- User-friendly interfaces ensuring a visually appealing and **responsive design**.
- Tools: React.js Node.js, Express.js, MongoDB with Mongoose, Tailwind CSS and Cloudinary

Delhi Metro Route Finder :   Visit   Github-Frontend   Github-Backend
- Implemented **Dijkstra Algorithm** and **Tries Data Structure** facilitating efficient pathfinding considering both time and interchange penalties
- Incorporated **predictive station name recommendations** for enhanced user experience.
- Predicts total travel time, interchanges and number of stations.
- Using: Dijkstra Algorithm,Tries, Node.js, Express.js,Tailwind CSS ,React.js

iPhoneUI (WebApp) : Visit   Github
- Designed and implemented iPhone UI with a range of working apps like Camera App, Calculator and more.
- Using React.js ,Tailwind Css

WeatherApp : Visit   Github
- Developed a weather application providing daily weather updates and a week-long forecast based on the latitude and longitude of a given city.
- Using React.js, Tailwind CSS, OpenWeatherApi, and RapidApi

Achievements

- Ranked in the **Top 75 out of 38,000+** participants in HackOn with Amazon S4 Link
- **Knight** at LeetCode, **Top 4%**, **1950**+ rated (max **1988**) with **950**+ DSA problems solved
- Achieved **Rank 5** in CODERUSH'24 by AlgoUniversity Link
- **3 Star** (Blue) at CodeChef, 1650+ rating
- JEE MAIN : Attained a remarkable **98.4** percentile

Technical Skills

- Programming Languages: **C/C++** (Proficient), Javascript, Python(Beginner)
- **Data Structures and Algorithms** Certificate **,Operating Systems, OOP, DBMS (SQL)**
- Frontend Development: **ReactJs**,Tailwind CSS, HTML5, CSS
- Backend Development: **ExpressJs, NodeJS, MongoDB**

Position of Responsibility

- Executive Committee Member at CPCi community :
  - organised coding contests, assuming responsibility for problem design