AAYOUSHEE

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EDUCATION

B.Tech in Electronics and Communication Engineering   June 2020 - Present
Indian Institute of Information Technology Allahabad   CGPA: 8.05

EXPERIENCE

Technical Blog writer Intern (Remote)   Feb 2023 - May 2023
Coding Ninjas

- Worked as a technical blog writer, created content related to technology and technical subjects for blog articles.
- Wrote blogs and studied about technical topics such as Java, SQL, Computer Networks, and many more.

DSA Mentor (Remote)   Nov 2022 - May 2023
Talentio

- Mentored students of different colleges in Data Structure and Algorithms.
- Taught students coding in python, Java and C++. Helped them in solving varied DSA questions.

PROJECTS

YELLOW TAXI TRIP : KAGGLE
- The Dataset consists of the data from the yellow cabs in the New York City from 2015-2016. Based on the data provided, I predicted the pickup density for a particular region and time-interval.
- I used MiniBatchKMeans to divide the New York City into clusters, and then I used moving averages based models like simple moving averages, weighted moving averages, etc and regression techniques like Linear Regression, Random Forest Regression, etc. As the performance metrics, I used MAPE and MSE.
- Languages and Technology: Numpy, Pandas, Dask, Matplotlib, Seaborn, XgBoost, Scikit-Learn.

2 X 2 Rubiks Cube Solver : GITHUB
- A C++ 2-way BFS Algorithm based project to find the most straightforward and smallest path of moves from unsolved cube to solved state of the cube.
- Languages and Technology: Arduino UNO, Arduino IDE, C++ Algorithm.

HAWKERS : VISIT WEBSITE
- Developed CRUD based MERN stack application for searching nearby street hawkers and sorting them accordingly as the user wants.
- Languages and Technology: React JS, Node.js, MongoDB, Express, HTML, CSS, JavaScript

SKILLS

Programming Languages	C, C++, Java, MySQL, Javascript, python, Git, IntelliJ, Android Studio.
Technology	ReactJS, React Native, Node.js, Express.js, JavaScript, HTML, CSS, Mongoose, SQL.
IT Constructs	Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management System.

ACHIEVEMENTS

- 3rd in HULT PRIZE IIIT Allahabad - Hackathon organized by HULT PRIZE.
- Runner-up in BUILD-N-HACK'21 - Yearly Hackathon organized by Tesla' IIIT Allahabad.
- Solved 1000+ coding questions on different platforms including Pepcoding, Codeforces, InterviewBit, and GeekforGeeks. Solved 200+ questions on Leetcode.

RESPONSIBILITIES

- Senator, Students Gymkhana, IIIT Allahabad.
- Overall Coordinator, Tesla - Technical society IIIT Allahabad.
- Overall Coordinator, Spirit - Sports society IIIT Allahabad.
- Head, Events and Management, Effervesence - Cultural Fest IIIT Allahabad.