Manas Kapoor

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EDUCATION

Indian Institute of Information Technology, Nagpur   **Dec 2020 – Present**
*Bachelor of Technology - **CGPA** - **7.98***   *Nagpur, India*

PROJECTS

Inventory Management System ↗ | MongoDB | ExpressJS | ReactJS | NodeJS

- Designed and developed a web-based inventory management system using MERN stack, allowing for real-time tracking of inventory levels, product information, and sales data.
- Utilized MongoDB for data storage and management, built a Node.js backend server to handle API requests and implemented a user-friendly interface using React for state management, enabling users to easily search and filter inventory items.

Healthcare Management System ↗ | C++(OOPS | File Handling)

- Designed and developed a hospital management system containing 30+ functions enabling healthcare providers to manage patients, doctors, appointments, ambulances, etc
- Built a user-friendly console line interface using the Standard C++ Library, enabling hospital staff to easily input and retrieve information and utilized file handling techniques to manage patient data, allowing for efficient data retrieval and modification.
- Implemented object-oriented programming concepts such as encapsulation, inheritance, and polymorphism.

Parkinson Disease Detection ↗ | Python | JupyterNotebook

- Implemented a Machine Learning algorithm to predict if a patient is suffering from Parkinson disease or not using a dataset composed of a range of biomedical voice measurements from 31 people, 23 with Parkinson's disease using python libraries such as Sklearn, Numpy, pandas, etc.

TECHNICAL SKILLS

- **Languages:** C++, C, Python, Java, PHP, JavaScript
- **Frameworks:** ReactJS, NodeJS, ExpressJS, Bootstrap
- **Tools:** Git, Github, JupyterNotebook, MySQL, MongoDB
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Sklearn
- **Coursework:** DSA, Networks, OS, DBMS, OOP, ML, etc.

ACHIEVEMENTS

- Highest rating of **1716** and **3-star** coder at coding platform Codechef.
- Highest Rating of **1736** on Leetcode and ranked in top **10%** of all Leetcode users.
- Developed proficiency in DSA by solving **1000+** questions accross various platforms(Leetcode, codechef, etc.)
- **Pupil** on Codeforces with a maximum rating of **1230**.
- Qualified the Qualification round of Google Code Jam 2021.
- Codechef Starters 17 : Secured Global Rank **481** out of **7k** participants.
- Secured Global Rank **8** out of **10k** participants in Codechef January Long 2022.
- Worked in Developers Team of Skills Nights Club, IIITN and contributed in making Skills Nights website.

IMPORTANT LINKS

- Leetcode/AlooPatties ↗
- Codechef/manask18 ↗
- Codeforces/Manas2005 ↗
- GeeksForGeeks/manasmk2016 ↗