

Manav Raj Singh

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Codeforces- Ice_Bear
Codechef - Viper_1301

OVERVIEW

Fullstack Web Developer and Competitive Programmer seeking a developer position to leverage my expertise in frontend and backend technologies in contributing to a dynamic team's goals around innovative software solutions and cutting-edge projects.

EDUCATION AND WORK EXPERIENCE

1) IIIT Naya Raipur

CGPA- 8.63

BTech(Computer Science and Engineering),2022-present

2) Campus Ambassador - GeeksForGeeks

PROJECTS

1) CourseMate| AI based Education Platform | OpenAI ,MERN, OCR

- AI based Subject Helper, Using OpenAI to fetch summary and quizzes for the desired topic
- Perform OCR on pdf and images to generate answers for the question paper leveraging language models.
- Community resource section to share papers and study material

2) PathPilot | Node ,Express ,JavaScript, OpenAI

- Uses Chatgpt Api to generate relevant career choices based on the Personality traits of person
- Predicts Job Risk levels based of dataset
- Backend made with Node and Express

3) YelpCamp | Full CRUD application with Auth,Maps and Cloud storage

- Showcase a great use of MERN stack
- Integrates maps and cloud image storage
- proper functioning Auth and sessions

4) OrthoPredict | IOT,ML,MERN,Cloud

- Predicts the recovery rate of fractured bones
- use MPU6050 sensor the obtain motion angle and linear regression to predict recovery
- proper functioning web application and cloud storage for data.

5) MMMusic | NLP,MERN

- Provides personalized playlist based on user's mood
 - use NLP for sentiment analysis from text
 - Backend made with Express and Node with database in MongoDB
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TECHNICAL SKILLS

- Languages: Python, JavaScript , C/C++
 - Full Stack Development: [Node ,Express,MongoDB,React,Django,Flask,Docker,Redis,SQL,Python]
 - Database : SQL,MongoDB,Redis
 - Data Science : NLP, standard ML algorithms
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ACHIEVEMENTS

- SIH 2023 - Grand Finalist(Smart India Hackathon)
 - Won Medical Hackathon - <https://devpost.com/software/orthopredict>
 - Codeforces - Specialist
 - Codechef - 3 star
 - Hackerrank - 5 star (Python)
 - TSoC - Head (head of college coding society)
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SOFT SKILLS

- District Football Player - Showcasing Team Work
- Spell Bee - 5th Rank (Result of rigorous practice)
- Conducted Multiple events as Head of Coding Society (Event Planning and management)