YASH ANAND

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Education

Indian Institute of Technology (Indian School of Mines), Dhanbad	**2022 - 2026**
Bachelor of Technology in Electrical Engineering	*CGPA: 8.50*

Work Experience

MathonGo	**Jan 2024 – Feb 2024**
Mentor	*Remote*

- Worked as a Mathematics mentor at MathonGo for IIT-JEE students.
- Was responsible for curating best materials and sample mock papers for students appearing in exams like JEE Mains, JEE Advanced and WBJEE.

Projects

Pedals   **[Github Link](#)**

- Building an effective transportation management system which aims to simplify the issue of travelling and transportation around the campus by implementing a person-to-person rental service system.
- Currently working on the back-end of the project such as integrating **payment gateways** ,prediction of the approximate cost for a trip and implementing **two-factor authentication** for better security and return mechanism of vehicles.
- **Tech Stack** : **HTML, CSS, JavaScript, React, Node.Js, Express.Js, MongoDB, TailwindCSS, Cloudinary, JsonWebToken.**

Electronic Health Record System   **[Github Link](#)**

- Co-Developed a secure Web Application allowing users to store,manage and assess multiple basic health vitals such as Blood Pressure, Diabetes ,Cholestrol and other relevant data.
- Built the Back-end framework of the system and implemented multiple features such as real time messaging for feedback and queries using **Socket.io** , Authentication using **Json Web Token** and **OAuth 2.0** and implemented routine email scheduler using **Nodemailer**.
- **Tech Stack** : **HTML, CSS, JavaScript, React, Node.Js, Express.Js, MongoDB, Socket.io, JsonWebToken, OAuth.**

Bootstrapped Machine learning models   **[Github Link](#)**

- Developed a few bootstrapped Machine learning models linear regression,logistic regression, digit recognition model using neural networks and K-Neural Networks as a part of first-year project for Winter of Code.
- **Tech Stack** : **Python, Numpy, Pandas, Scikit-learn, TensorFlow.**

Programming Achievements

- Codeforces: Maximum Rating-**1516 (Specialist)** [**Profile**](#) : Solved 100+ questions
- Codechef: Maximum Rating-**1894 (4-Star)** [**Profile**](#) : Solved 100+ questions
- Secured **3rd Rank** in college and **7th Rank** overall among 100+ teams in Hackfest 2024- The official Hackathon of IIT(ISM) Dhanbad
- Secured **Global Rank 73** in Global starters 129 on Codechef among 10000+ participants
- Secured **Global Rank 1987** in Codeforces round 165 Division 2 among 12000+ participants
- Top 30 in the Winter-of-Code 2022 conducted by Cyberlabs IIT ISM
- Solved 500+ questions across many competitive programming platforms
- Participated in SpaceChainZK ideathon:A thrilling Web3 ideathon conducted during Concetto-tech fest of IIT Dhanbad

Technical Skills

Languages: C, C++, JavaScript, Python
Frameworks: Node.js, Express.js, React, TailwindCSS, Bootstrap, Socket.io, REST APIs
Clouds & Databases: PostgreSQL, MongoDB
Fundamentals: Data Structures and Algorithms, Object Oriented Programming , Database Management system, Operating System
Developer Tools: Postman, VS Code, GitHub

Extracurricular

- Creative Head of Lights Camera ISM-the official filmmaking club of IIT ISM Dhanbad   .
- Organiser in Srijan 2024- Looking over the media and publicity team of Srijan 24'   .