

Aman Kasaudhan

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Education

Indian Institute of Technology (Indian School of Mines), Dhanbad

Bachelor of Technology in Mechanical Engineering (GPA: 8.47 / 10.00)

Expected May 2026

Dhanbad, Jharkhand

Experience

Student Gymkhana(IIT(ISM) Dhanbad)

ReactJS Developer

April 2024 – Ongoing

[Live Demo](#)

- Maintained and updated the official website of the Student Gymkhana.
- Implemented various updates to ensure the site remained current and functional.
- Gained hands-on experience with web development tools and content management systems.

Projects

IntelliDoc: Your Health Buddy

[Github](#) | [Website](#)

- A web application that allows users to **input their health information (through images and manual entry)** and receive accurate and personalized diagnosis along with analytical charts.
- **Interactive Medical Chatbot (MediBuddy)** to engage users and provide personalized health advice.
- **Implemented machine learning algorithms** to analyze user-provided health data and predict the likelihood of various diseases or health conditions.
- **Tech Stack:** HTML, Tailwind CSS, Javascript, ReactJs, NodeJs, ExpressJs, MongoDB, Multer, Nodemailer, Scikit-learn, Numpy, Panda, Matplotlib, Flask, TensorFlow, JWT, OAuth2.0.

JobPortalX: Job Seeking

[Github](#) | [Website](#)

- A web application developed to **connect employers with job seekers**. The platform provides a user-friendly interface for both employers and job seekers to interact, and search for opportunities.
- Enable employers to post job listings with detailed **descriptions, requirements, and application deadlines**.
- Implemented secure user authentication using **JWT and bcrypt for password hashing**.
- **Integrated Cloudinary** for storing resumes of users.
- **Tech Stack:** ReactJS, CSS, Javascript, NodeJs, ExpressJs, MongoDB, Multer, Bcrypt, JWT, Cloudinary.

Technical Skills

Languages: C, C++, JavaScript, Python

Libraries/Frameworks: ReactJS, Material-UI, TailwindCSS, NodeJS, ExpressJS, Numpy, Pandas, Matplotlib, Seaborn

Clouds Databases: MongoDB, PostgreSQL

Fundamentals: Data Structures and Algorithms, Object Oriented Programming, Database Management system

Developer Tools: Postman, VS Code, Git, Anaconda

Achievements

- Pupil on Codeforces (**Max Rating - 1375, [amanak_07](#)**).
- 3* on CodeChef (**Max Rating - 1735, [amanak_07](#)**).
- Bagged the **Runner's Up Position** in TrailBlaze, CyberSecurity Event, Concetto'23 (Tech fest), IIT, Dhanbad.
- Global rank **250** in Codechef starters 116 among 28000+ participants.
- Solved **500+ questions** on different coding platforms and online judges
- Ranked **under 5** in Hack Fusion'24 (**Hackthon organized by NIT Jamshedpur**).

Social Engagements

Technical Team member at Students' Gymkhana within the web dev division.

Team Member : Of Coding and Development Society of IIT (ISM) Dhanbad.

Volunteer : at Parakram'23 (Sports fest)

Sports-Engagements: Badminton, chess, cricket.