

Advita Bahl

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 Leetcode  Codeforces  Codechef  Coding Ninjas



Education

Indian Institute of Technology Dhanbad

Bachelor of Technology in Mechanical Department.

2021-2025

Dhanbad, Jharkhand

Central Academy, Ajmer

Senior Secondary, 94.2%

2020-2021

Ajmer, Rajasthan

Experience

GrapplTech

Jun 24– Jul 24

Software Developer

- Demonstrated proficiency in utilizing NodeJS, ExpressJS, MongoDB to build robust and scalable backend systems and showed 20% improvement in system efficiency.
- Designed and implemented RESTful APIs. Ensured reduction in response time and a more scalability and maintainable codebase.

Suvidha Foundation

Nov 23– Dec 23

Web Developer

- Developed a website dedicated to students, aiming to offer free-of-cost, high-quality consultancy services for admissions to foreign universities.
- Leveraging the MERN (MongoDB, ExpressJS, ReactJS, NodeJS) stack for efficient and effective web development.

Projects

SynergizeMate | NodeJS, ExpressJS, MongoDB, TailwindCSS, React, Vite, Redux, Axios.

Source Code | Live Link

- Developed a portal tailored for IIT Dhanbad students that allow them to sign up and get in touch with the perfect project partners for hackathons, depending on their own criteria such as year, profile, and branch.
- Designed a user-friendly interface that facilitates seamless navigation and efficient matchmaking.

Jan-Arogya(Group Project) | Node, Express, Tailwind, MongoDB, Queuing Algorithm, ReactJS.

Source Code | Live Link

- Co-designed and implemented a solution that streamlined OPD queues, bed management, and patient admissions, integrating multiple hospital functions into a single system.
- Facilitated real-time monitoring and updates of hospital resources.

Virtual Memory Management | NodeJS, ReactJS

Source Code

- This is an operating system project which serves the purpose of visualizing virtual memory paging algorithms including First in First Out, Least Recently Used.

Technical Skills

Languages: C++, C, Javascript, SQL.

Technologies : HTML5, CSS3.

FrameWorks and Libraries : ReactJS, NodeJS, ExpressJS, Bootstrap, TailwindCSS, Axios.

Database : MySQL, MongoDB, Firebase.

Tools : Git, Blender, Postman, Adobe Photoshop.

Concepts: Data Structures and Algorithms, Object Oriented Programming, DataBase Management System, Operating System.

Achievements

I lead a team in Smart India Hackathon where we got Selected among top 25 teams from my college.

Global Rank 694 in CodeChef Starters 128 among 42k students.

Solved 500+ coding questions along all Coding platforms.

Selected for Nights and Weekends S5.

Inter IIT Sports Meet 55th, Represented IIT ISM Dhanbad in Basketball.

Inter IIT Cult Meet 5.O, Represented IIT ISM Dhanbad in Group Dance Event.

Among the top 4 in my branch in 4th sem.

Social Engagements

Design-Coordinator: Legends In The Making- Official stage dance club, IIT [ISM] Dhanbad

Event-Coordinator: Student Alumni and International Relations Cell, IIT [ISM] Dhanbad.

Sports-Engagements: Basketball(state-level)- runner up .