Ajay Kumar

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Education

Indian Institute of Technology(ISM), Dhanbad   **Dec. 2020 – May 2025**
Integerated Master of Technology in Mathematics and Computing   *Dhanbad, Jharkhand*

Experience

Urban Reach Pvt Ltd ⭘ 🔗   **May 2022 – June 2022**
Software Engineer Intern   *Remote*
- Collaborated with a team to construct a website for an agriculture-based startup.
- Work on the design and implementation of both the frontend and backend of the web application, resulting in a successful project.

Projects

MyntraVerse - Myntra Codeathon'23 ⭘ 🔗 | *MongoDB, React JS, Node JS, Meshacapade API*   **Oct 2023**
- Participated in Myntra hackathon event and developed an innovative web application allowing users to create personalized 3D digital avatars.
- Implemented a digital wardrobe feature, enabling users to add and categorize their clothing items within the platform.
- Incorporated functionality for an Ecometer analysis, providing users with an overall sustainability assessment of their wardrobe items

EV Battery Exchange app ⭘ 🔗 | *MERN, Bootstrap, Google Map API, Firebase, Stripe*   **August 2022**
- During a hackathon, I led a team of 4 to create a project promoting electric vehicles.
- We developed a web app to locate and reserve charging slots at the nearest station, providing a seamless experience for EV owners.
- In addition, we integrated several APIs to enhance functionality. Notably, the Google Map API was employed for accurate location detection and mapping,
- While the Stripe API facilitated secure and efficient payment gateways. and firebase for user authentication

Technical Skills

Languages: C, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Google Cloud Platform, Firebase, Postman, Netlify
Technologies/Frameworks: React JS, Google Kubernetes, GitHub, , Bootstrap, MongoDB, Node JS, Express
Certifications: Architecting with Google Kubernetes Engine , Data structure and Algorithms

Competitive Programming

Profile	Rating	Problem Solved
Codeforces (ajay_mnc)	1536	942
Geeksforgeeks (ajaykrmnc)	1002	354

Achievement

- Myntra Codeathon'23 1st runner up
- Global Rank 463 in Codeforces round #891
- Global Rank 1027 in Codeforces round #876
- Among top 1% in JEE Main and Adv 2020
- Dakshana Scholar

Relevant Coursework

- Data Structures and Algorithms
- Data Mining
- Database Management
- Cloud Computing
- GPU Computing
- Computer Graphics
- Blockchain Technology
- Number Theory and Cryptography
- Computer Architecture

Extra Curricular

- Mentor at Siam Chapter IIT ISM Dhanbad
- Member of Dakshana Society in College
- Member of Hackfest- Hackathon of IIT ISM Dhanbad