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Education

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

Expected May 2025

Bachelor of Technology in Electrical Engineering

Dhanbad, Jharkhand

- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Web Development, Database Management, Operating System, Probability & Statistics, Programming with C/C++, Numerical Methods

Experience

SuspireMedia

June 2024 – July 2024

Frontend Web Development Intern

Remote

- Designed a, fully responsive website for a local NGO, increasing its **online engagement by 50%**.
- Integrated a secure payment gateway using the **Razorpay API**, enabled seamless and secure online transactions, resulted in a **40 percent increase** in online donations and transactions

Projects

ShopWave- An E-Commerce Website | *Node.js, Express.js, React.js, MongoDB*

COMPLETED

- Implemented essential features for an e-commerce platform, including **user authentication, product catalog, shopping cart, and checkout functionality**.
- Implemented **JWT-based authentication and authorization mechanisms** to enhance **application security**, protect sensitive user data, and reduce **unauthorized access** by 40%. [GitHub](#)

XpenseTracker -An Expense Tracker | *React.js, Node.js, MongoDB, Express.js*

COMPLETED

- Developed a **CRUD-based web application** to keep track of **daily transactions**.
- Implemented **charts and tables** for visualizing transaction data, improving user financial management and decision-making by 50%. [GitHub](#)

StreamVerse-A Video Sharing Website | *React.js, RapidAPI, Node.js, JavaScript*

COMPLETED

- Created a **responsive React-based web application**, mirroring YouTube's functionality, with features allowing users to **search and watch videos or channels**, filter by category, and achieve a 30% increase in user engagement. [GitHub](#)

Technical Skills

Languages: C/C++, JavaScript, Python, SQL(MySQL)

Frameworks/Libraries: React.js, Node.js, Express.js, Bootstrap

Web Technologies: HTML5, CSS, RESTful APIs

Databases: MySQL, MongoDB, PostgreSQL

Concepts/Tools: Git, Github, Postman, Data Visualization, Debugging

Computer Science Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, Operating System

Learning/Exploring: Basics of Embedded C, Linux command-line, Microcontrollers (beginner-level)

Achievements

- **BNY Code Divas Challenge 2025:** Ranked in top 14% (72K+), advanced to Round 2
- **Flipkart Grid 6.0 (2024):** Leveraged **advanced data structures and algorithms** to **optimize efficiency, handle edge cases, and improve code robustness**
- **TechGig Geek Goddess'23:** Qualified in the finals, ranking 278 out of 10,000+ participants
- **Google Hash Code 2022** Secured a global rank of 3275
- Solved **550+ DSA** questions across Codeforces, CodeChef, LeetCode, GeeksForGeeks, and Coding Ninjas

Social Engagements

Technical Team Member: at Electric Mobility Club (Mechismu Racing) of IIT (ISM) Dhanbad

Volunteer – Fast Forward India (IIT Dhanbad): Revamped math and science learning modules for Fast Forward India, incorporating feedback from over 30 children, resulting in demonstrably improved understanding of core STEM concepts.

Organizer: Concetto'22 (Tech-Fest): Coordinated and managed events for the annual techno-management fest at IIT, contributing to the successful execution and participant engagement

Sports-Engagements: Badminton, chess, VolleyBall