

Gajendra Kumar Nagar

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[Github](#) | [Portfolio](#) | 20JE0361

Education

Indian Institute of Technology (Indian School of Mines) / IIT ISM

Bachelor of Technology

GPA: 7.51/10.0

Key Courses: Data Structure, Operating System, Database Management System, Object Oriented Programming (OOPS)

Dhanbad, India

June 2024

Skills

Software: VS Code, Git-Hub, Code Sandbox, MATLAB

Programming Languages: C, C++, JAVA, JavaScript, Core Java

Development/Frameworks/Libraries: HTML, CSS, React.Js, Express.Js, Material UI, Bootstrap, MySQL, MongoDB, System Design (Low Level Design & High Level Design)

Certifications/Achievements: [INTERIIT Gold Medalist](#), National Rank – 75(Hard DSA Problem/Coding ninjas), Global Rank (1200) Code Forces Round

Competitive Programming: [Coding Ninjas](#) (1854), [Code Forces](#) (1449), [At Coder](#) (1090), [LeetCode](#) (1857)

Experience

Web-developer Intern

JOYMETTEC Private Ltd

Certificate

May 2023 - July 2023

Kolkata, India

- Developed & maintained **web applications** using React.Js, HTML, JavaScript, CSS, **Material UI** (Framework).
- Developed a **responsive** User Interface of catalogue and product page of the company website.
- Used **API** fetch data from backend and present it to the frontend.
- Added some new features the Product Page to help **consumers** choose the product as per their requirement.

Projects

News - App

IIT ISM

Git-Link

Jan 2023 - May 2023

Dhanbad, India

- Developed a news application which shows **latest news of different categories**, when you click on news you will get a new full **detailed article** about the news.
- It uses an **External API** this system **dynamically** retrieves up-to-date news data from an external source and seamlessly showcases it on the designated page, providing users with **real-time, relevant, and engaging information**.
- Used **React Router** to handle the frontend, user experience by enabling seamless **navigation and rendering** of specific content based on different **URLs**.
- Tech-stack** – React.Js, Bootstrap(framework).

E-Commerce website

IIT ISM

Git-Link

July 2022 - Dec 2022

Dhanbad, India

- Created a user-centric interface packed with versatile features for an E-commerce site. Users enjoy **smooth browsing**, advanced search, secure checkout, personalized **accounts**, and interactive feedback. Simultaneously, an intuitive admin interface empowers **efficient management** of inventory, orders, users, analytics, and settings.
- Used **Bcrypt.js** to protect sensitive data as passwords by storing them as hashed **passwords** instead of plain text.
- Used Cloudinary to store the images uploaded in cloud. Employed **JSON Web Token (JWT)** to share security information between the client and the server.
- Used **Mongoose** to build connection between **backend** and **MangoDB** & used express to manage server routes, Included several other third party libraries such as **Node Mailer, React-alert**.

Prediction-of-fraud-transaction's

IIT ISM

Git-Link

Feb 2022 - May 2022

Dhanbad, India

- Made a supervised **machine learning** model for prediction of the fraudulent transitions by analyzing and visualizing data like **credit, debit and amount transferred**. Used Ensemble techniques like **bagging and boosting**.
- The model consists of **Random forest classifier, XGBoost and artificial Neural Networks**. Compared the 3 algorithms for best model fit.

Leadership

Coordinator

Street dance club of IIT ISM (WE THE CREW)

Aug 2021 – July 2023

Dhanbad, India

- Monitored club practice during academic session and schedule dance timing and events of club. Dealt with the financial plan of the club and furthermore handle to facilitate club individuals to one another's.
- Club achieved **Gold** when I was the coordinator Learned different dance styles.