



# PRIYANSHU SHEKHAR

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## Education

Indian Institute of Information Technology, Ranchi

2021 - Present

Bachelor of Technology in Electronics and Communications Engineering (CGPA of 9.03)

Ranchi, Jharkhand

## Experience

Onefinnet

November 2024 - January 2025

Software Developer Intern

Remote

- Developed a comprehensive auction management system backend using Node.js and Mongoose.
- Implemented CRUD operations for products, auctions, and bids, ensuring data integrity and validation.
- Utilized **Redis** to publish real-time bid updates, enhancing system responsiveness and user experience.
- Ensured robust error handling and logging across all services, improving system reliability and maintainability.

## Projects

Study-Notion | Source Code | NodeJS, Express, MongoDB, ReactJS

March 2024

- Developed an Ed-Tech platform that enables users to Create, Consume and Rate educational contents.
- Used **NodeJS** & **Express** to set up the Backend and **MongoDB** atlas for the database.
- Designed the frontend using **ReactJS** & **BcryptJS** & **JWT** for increase in Security & Authentication & Razorpay for making payment. .

Airway | Source Code | Video Link | NodeJS, Express, MySQL, RabbitMQ

September 2023

- Built a fully fledged Flight Booking Backend System using **Microservice Architecture**.
- Applied **NodeJS** & **Express** to setup backend, **MySQL** for database and **RabbitMQ** as the message broker between the booking and reminder services.
- Implemented **CRUD** operations for seamless Flight Searching & Filtration, empowering users to effortlessly find and book flights , resulting in a 40% increase in completed bookings and reduction in user drop-off rate.

Shoptik - eCommerce | Source Code | ReactJS, NodeJS, Express, MongoDB

May 2023

- Full-stack E-Commerce platform that provides an Online marketplace for both Buyers & Sellers.
- Setup the database using **MongoDB** and the back-end servers using **NodeJS** and **Express**.
- Used component based architecture to ease development by **60%** and **Redux Toolkit** for state management.
- Achieved **100%** reduction in unauthorized access incidents by integrating **BcryptJS** & **JWT**.

## Achievements/Research

- Solved more than **500+** problems across platforms.
- Qualified for 2nd Round of **Flipkart GRid 5.0**.
- Highest Rating of **1752** at Leetcode.
- Highest Rating of **1661** at Codechef.

KSHITIJ | AIR - 3 | Certificate

January 2023

- Kshitij is the **20th** annual techno-management festival of **IIT Kharagpur**.
- Created the frontend for the IoT System, which allows physicians to attend to patients according to their urgency by taking various parameters, including SpO2, Heart Rate etc.

## Profile Links

CodeChef | Leetcode | Codestudio | Codeforces | GeeksForGeeks

## Technical Skills and Interests

Languages: (proficiency): C++ (familiar): C, Python, JavaScript, SQL

Developer Tools: Git, GitHub, Chrome Dev Tools, Postman API, VS Code

Technologies/Frameworks: HTML, CSS, Tailwind CSS, Bootstrap, ReactJS, Redux, NodeJS, ExpressJS

Cloud/Databases: MongoDB, MySQL

Soft Skills:Public Speaking,Team Management

## Leadership/Extracurricular

Lead: Event Management

April 2023

House of Hackers

IIT Ranchi

Class Representative

September 2022 – Present

Electronics and Communications Branch

IIT Ranchi