# Priyanshu Shekhar

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## Education

**Indian Institute of Information Technology, Ranchi**                    **Graduation: July 2025**
*Bachelor of Technology in Electronics and Communications Engineering (CGPA of 9.05)*    *Ranchi, Jharkhand*

## Projects

🔗 **Study-Notion** | **Source Code** | *NodeJS, Express, MongoDB, ReactJS*    **January 2024 - Ongoing**
- **Developed** an Ed-Tech platform that enables users to Create, Consume and Rate educational content.
- Used **NodeJS** & **Express** to set up the Backend and **MongoDB** atlas for the database.
- Implemented **REST Architectural** style for the platform's **APIs** design to ease the development by **60%**.
- Designed the frontend using **ReactJS** & **BcryptJS** & **JWT** for **50%** increase in Security & Authentication, deployed the Frontend on **Vercel** & Backend on **Render**.

**Airway** | **Source Code** | **Video Link** | *NodeJS, Express, MySQL*    **August 2023**
- **Built** a fully fledged Flight Booking Backend System using **Microservice Architecture**.
- Applied **NodeJS** & **Express** to setup backend and **MySQL** for database.
- Implemented **CRUD** operations for seamless Flight **Searching** & **Filtration**, empowering users to effortlessly find and book flights by using message queue, resulting in a **40%** increase in completed bookings and a **25%** 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**.
- **Redux Toolkit** for state management & **Nodemailer** for sending emails & **Razorpay** for making payment.
- Achieved **100%** reduction in unauthorized access incidents by integrating **BcryptJS** & **JWT**.

## Achievements/Research

- Solved more than **700+** problems across platforms.
- Highest Rating of **1666** and rated **3\*** at CodeChef.
- Highest Rating of **2439** and **Grand Master** at Coding Ninjas.
- Highest Rating of **1755** at Leetcode.
- Highest Rating of **1132** at Codeforces.

**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, C++ *(familiar):* Python, JavaScript, SQL
**Developer Tools**: Git, GitHub, Chrome Dev Tools, Postman API, VS Code
**Technologies/Frameworks**: HTML, CSS, Tailwind CSS, Bootstrap, ReactJS, Redux, NodeJS, Express, REST API
**Cloud/Databases**: MongoDB, MySQL
**Libraries**: Mongoose, Sequelize
**Operating System**: Windows

## Leadership/Extracurricular

**Lead: Event Management**    **April 2023**
*House of Hackers*    *IIIT Ranchi*
- **Lead** and **Managed 1st** National Level Hackathon in the college.
- **250+** Students Participated from all parts of India.

**Class Representative**    **September 2022 – Present**
*Electronics and Communications Branch*    *IIIT Ranchi*
- Maintain communication with all **Department Heads** regarding activities and serve as a liaison between **110+ students** and **administration**.