

MUKUL RAJ

Patna, Bihar, India

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Education

Indian Institute of Information Technology, Ranchi

Dec 2021 – May 2025

Bachelor of Technology in Electronics and Communications Engineering (CGPA: 8)

Ranchi, Jharkhand

Experience

Rare Time Media Network

Aug 2025 – Present

Full Stack Developer (Mobile + Backend)(Offer Letter)

Bangalore, India

- Developing and maintaining the flagship product **ReZ** mobile app (user and merchant sides).
- Building backend systems for authentication, cashback logic, wallet, bookings, and secure APIs.
- Contributing to the **Hotel Management System**, enhancing tape chart, billing, and analytics dashboards.

FirstStep

Aug 2025 – Dec 2025

Full Stack Developer (Offer Letter)

Hyderabad, India (Remote)

- Built an AI-powered resume builder using **OpenAI**, **Gemini**, and **LangChain** to generate ATS-optimized resumes.
- Developed an AI-driven interview preparation platform with AI voice interviews, coding execution, and MCQ practice.
- Implemented job scraping and application tracking using **Puppeteer/Selenium** with automated resume generation.
- Created an admin dashboard with analytics and user management using **React**, **TypeScript**, and **MUI**.
- Designed secure REST APIs with **Node.js**, **Express.js**, **MongoDB**, and **Auth0**.

Internships

CINFOGEN

June 2024 – August 2024

Full Stack Developer Intern

Patna, Bihar

- Enhanced backend of a community platform by implementing authentication, video handling, posts to boost engagement
- Built an admin dashboard for activity tracking, improving user moderation and platform performance.

Projects

SocialSphere | *React, TypeScript, Tailwind CSS, Node.js, MongoDB, Cloudinary, JWT, Vite*

- Built a full-stack video streaming platform featuring video uploads, authentication, playlists, and social interactions.
- Implemented animated 3D auth pages, video player, nested comments, likes, dark/light themes.
- **GitHub:** 🐙 SocialSphere **Live:** 🌐 SocialSphere

Scribble Nest | *Node.js, Express.js, MongoDB, JWT, React, Editor.js, Cloudinary*

- Developed a blogging platform with authentication, blog management, commenting, notifications and profile features.
- Implemented secure JWT auth, CRUD for blogs with rich text editor, and a nested comment system.
- **GitHub:** 🐙 ScribbleNest **Live:** 🌐 ScribbleNest

Sky Hooper | *Node.js, Express.js, MySQL, Sequelize, RabbitMQ, AWS*

- Developed a flight booking backend using microservice architecture with CRUD operations for search and booking.
- Integrated RabbitMQ for efficient inter-service communication, improving reliability.
- Achieved a 30% increase in completed bookings and reduced user drop-off by 25%.
- **GitHub:** 🐙 Sky Hooper

Technical Skills

Languages: C++, C, JavaScript, SQL, Python, TypeScript

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

Frameworks: Node.js, Express.js, ReactJS, HTML, CSS, Tailwind CSS, SASS, EJS

Cloud/Databases: MongoDB, MySQL, AWS, Cloudinary, AppWrite

Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems

Concepts: RESTful API, Operating Systems, Linux Kernel, System Design

Achievements

KSHITIJ | AIR - 3|Certificate

- 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.
- Solved more than **1500+** problems across platforms.