

Swaraj Thakur

EDUCATION

Birla Institute of Technology, Mesra, Ranchi

Bachelor of Technology - Computer Science Engineering

Dec. 2022 – Jun. 2026

Mesra, Ranchi

EXPERIENCE

Backend Developer Intern – InterviewAudit

May 2025 – July, 2025

MongoDB, Express.js, React.js, Node.js (MERN Stack), REST APIs, GitHub Actions, Docker

- Built and deployed a full-stack MERN application for internal analytics, integrating a responsive React.js frontend with a Node.js and Express backend, and using MongoDB Atlas for data persistence.
- Optimised MongoDB queries using indexing and aggregation pipelines, reducing API response time by 25% for real-time dashboards displaying over 5,000+ interview records.
- Developed and maintained RESTful APIs using Express and Node.js, enabling efficient frontend-backend communication and supporting scalable feature development.
- Created interactive dashboards in React, leveraging Chart.js and React Table to visualise real-time data, improving usability for end-users analysing interview insights.

PROJECTS

Food Delivery Web Application

May 2025 – July 2025

React.js, Node.js, Express.js, Stripe

- Built a responsive food delivery platform with user authentication, shopping cart functionality, and real-time order status updates.
- Developed complete frontend (React) and backend (Node.js + Express) with admin panel for managing menu, orders, and users.
- Integrated Stripe payment gateway for secure online transactions and seamless checkout experience.

Hotel Booking Web Application

May 2025 – July 2025

MongoDB, Express.js, React.js, Node.js (MERN Stack), Stripe, Clerk

- Developed a complete hotel booking system with user registration, room listing, and booking management using MongoDB, Express, React, and Node.js.
- Integrated Clerk for seamless user authentication with ready-made Sign In/Sign Up UI components.
- Implemented email booking confirmation and Stripe payment gateway for instant and secure transactions.

EXTRACURRICULAR ACTIVITIES

National Service Scheme (NSS)

Dec. 2022 – Present

- Maintained event participation records and follow-ups using spreadsheets, aiding smoother coordination with volunteers and organisers.

Photography Society

Aug. 2023 – Present

- Handled photography and post-production for major campus events using Lightroom and Photoshop, ensuring timely delivery and brand consistency.

SKILLS & INTERESTS

- **Languages & Tech:** JavaScript, Python, Java, SQL, HTML, CSS
- **Frameworks & Tools:** MERN Stack, REST APIs, GitHub Actions, Docker, Postman, MySQL, Power BI
- **Concepts:** OOP, DBMS, System Design
- **Data Science:** Data Preprocessing, Model Evaluation, Window Functions, CTEs, KPI Cards
- **Other:** Google Sheets, Google Forms, Lightroom, Photoshop