# ANJAL RAI

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## CAREER OBJECTIVES

Recent BSc. (Hons) Computing graduate from Itahari International College, currently awaiting final results. Strong foundation in backend development with Node.js, Express, and MySQL, and currently working on a project using MongoDB to strengthen NoSQL skills. Experienced in building responsive frontends with React.js and integrating REST APIs. Familiar with Git and GitHub for version control, passionate about learning, problem-solving, and contributing to scalable full-stack applications. Excited to apply technical skills and grow further as a MERN Stack Intern.

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## EDUCATION

### Bsc.(Hons) Computing                                   2022 - 2025

Itahari International College
London Metropolitan University
Sundarharaicha-4, Dulari, Morang

### School Leaving Certificate (SLC)                       2019 - 2022

Sushma Godawari College
National Examination Board
Itahari, Sunsari

### Secondary Education Examination (SEE)                         2018

Boarding MA.VI
National Examination Board
Itahari, Sunsari

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## PROJECTS

### FitTrack - An AI-Powered Fitness Tracking Web App            2025

Developed a full-stack fitness tracking platform as part of my final year project. FitTrack allows users to set goals, log workouts, track visual progress, and receive personalized workout plans using AI via Groq's Open API. Integrated real-time updates using WebSockets (Socket.IO). Includes admin dashboard for managing users and workouts.
Technology Used:
- Frontend: React.js, React Router DOM, Redux, Hooks, Tailwind CSS, Shadcn UI
- Backend: Node.js, Express.js, MySQL, Sequelize, Socket.IO
- AI Integration: Groq Open API

**Nike Website Backend**                                                  **2024**

Built the entire backend for a Nike-inspired e-commerce website. Implemented authentication, product management, order processing, and secure user roles.
Technology Used:

- Node.js
- Express.js
- MySQL
- Sequelize
- JWT
- Multer

**School Management System (Admin Panel)**                                **2024**

Developed the backend for a school management system's admin panel. Features include student and teacher CRUD operations, attendance tracking, exam scheduling, and secure role-based access.
Device Used:

- Node.js
- Express.js
- MySQL
- Sequelize
- JWT
- Role-Based Auth

**U-Turn Accident Prevention System (IOT Project)**                       **2024**

Developed an IoT-based U-turn Prevention Management System designed to enhance traffic safety by preventing illegal and unsafe U-turns.
Device Used:

- Node MCU

language Used:

- C/C++

**MuscleForge**                                                           **2023**

Developed a fitness website that provides workout routines with video demonstrations of each exercise and personalized diet plan.
Technology Used:

- NodeJs, ExpressJs and MySql

**Anjal's Laptop Shop**                                                   **2023**

Developed a web-based inventory management system to track product inventory, sales, and customer orders.
Language Used:

- Python

**MAAS Bonsai**                                                           **2023**

Designed and created a frontend for a E-Commerce that sells bonsai plants.
Stack Used:

- HTML, CSS and JavaScript

## TRAINING/ CERTIFICATIONS

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|---|---|
| 30-Day React.js Course – Digital Pathshala | 2025 |
| 7-Day React.js Crash Course – Code It | 2025 |
| Node.js Certification Course | 2023 |
| Learning Git and Github | 2023 |
| Python Essential Training | 2023 |

## SKILLS

**Technical Skills**

- Programming Languages and Framework: React Js, Express Js, Node Js, HTML, CSS and Js, Java and Python
- Database Management: MySQL and Oracle
- Operating System: Windows and Linux

**Soft Skills**

- Critical Analysis
- Team Collaboration
- Communication
- Time Management
- Adaptability
- Problem Solving

## PROFESSIONAL EXPERIENCE

**Node.js Backend Intern**                                    June 2023 -  September 2023

Completed a 3-month internship focused on backend development at Hunccha Digital. Worked on real-world projects including a School Management System, implementing features such as authentication, attendance, exam scheduling, and role-based access control using Node.js, Express.js, Sequelize, and MySQL.

**IT Support Intern**                                              February 2023 -  August 2023

Gained practical experience in IT support during an internship at college, applying skills in networking and database management to real-world scenarios.

## REFERENCES

**Sonam Rai,** Lecturer, Itahari International College
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