

Aayush Dhungel

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Education

Central Campus of Technology, Dharan
Bachelor's in Information Technology (BIT)

Mar 2022 – Mar 2026

Work Experience

Fusobotics

Aug 2025 – Present

Jr. React/Next Developer

Remote

- Revamped the company's websites and admin dashboards with a focus on modern UI/UX principles, responsive design, and performance optimization, resulting in improved user satisfaction and reduced support inquiries.

Project Experience

Mero Samasya - Local Issues Resolution Platform | Next, Express, MongoDB, Zustand, Leaflet

- A platform connecting citizens with local authorities to streamline issue resolution
- Features user-friendly issue reporting with media upload and GPS integration
- Includes a local authority dashboard for issue tracking and communication

Sahara - Emergency Healthcare System (Hackathon Project) | Next, React Redux, Express, MongoDB

- Built real-time ambulance booking web app with live location tracking using Leaflet & WebSockets
- Integrated React Router for seamless navigation between emergency stages
- Implemented 3 user roles (Patient, Driver, Hospital) for emergency communication
- Won ACES TECHFEST 7.0 hackathon at IOE Eastern Regional Campus

Rojgaar Kendra - Job Portal | React.js, Express.js, React Redux, React Router

- Built RESTful APIs for job postings and applications
- Designed responsive UI with React Router for multi-page navigation
- Implemented Redux for state management across user sessions

Technical Skills

Languages: JavaScript, TypeScript, SQL, HTML/CSS

Frameworks: React.js, Next.js, Node.js, Express, Nest.js, Mongoose ORM, Bootstrap, Tailwind CSS

Tools: Redux, React Router, Git, MongoDB, PostgreSQL, Jest, Postman

Concepts: REST APIs, Responsive Design, OOP

Soft Skills: Teamwork, Problem Solving, Adaptability, Quick Learning, Good Communication

Leadership / Extracurricular

Information Technology Alliance (ITA)

Nov 2024 – Present

Secretary

Central Campus of Technology, Dharan

- * Coordinate weekly meetings and maintain official records for 50+ members.
- * Manage communication between executive board and general membership.
- * Organize tech workshops and hackathons with 25+ participants annually.

Certifications

- Responsive Web Design — freeCodeCamp
- Build Backend REST API with Node.js — Udemy
- NestJS Zero to Hero - Modern TypeScript Back-end Development

Jan 2024

Aug 2024

Apr 2025

Achievements

- Winner of ACES TECHFEST 7.0 Hackathon — IOE Eastern Regional Campus, Dharan