LAXMAN YADAV

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PROFILE SUMMARY

Full Stack MERN Developer skilled in building **responsive, scalable, and secure web applications** using **MongoDB, Express.js, React.js, and Node.js**. Experienced in **C++, Object-Oriented Programming , and Data Structures & Algorithms** . Passionate about problem-solving and committed to **continuous learning** and **innovation** in software development

EDUCATION

DR AMBEDKAR INSTITUTE OF TECHNOLOGY FOR DIVYANGJAN, U.P.   7.56 CGPA 2022-2025
Bachelor of Technology, Electronics Engineering (pursuing)
C. S. J. M. GOVERNMENT POLYTECHNIC AMBEDKAR NAGER, U.P.   80.45% 2019-2022
Diploma in Electronics Engineering

WORK EXPERIENCE

SDE Intern (Front-end) – Sandy And Co Pvt Ltd   February 2025-Present

- Designed and built responsive UI pages for dashboard, **note-making**, and user interaction using **React.js, Material UI** and **Tailwind CSS**.
- Implemented **folder and file management** system with a clean layout and dynamic rendering for organized note handling.
- Managed application state using **Redux Toolkit** and maintained clean, reusable component structure.

PROJECT EXPERIENCE

1. Study Notion [GITHUB | LIVE SITE](#)   December-February, 2025

- Developed a **responsive ed-tech platform** with **React, Redux, Tailwind CSS, Node.js, Express, MongoDB, JWT** for authentication, **cookie-based** session management, and **Razorpay for secure payments**.
- Designed **instructor dashboards** to add courses and visualize **enrollments** and income using **pie charts**.
- Enabled **students** to **enroll** in courses, view videos, submit reviews, and track **progress** via **personalized dashboards**.

2. Weather App [GITHUB|LIVE SITE](#)   September-october, 2024

- **Created** a weather app using HTML, CSS, JavaScript, and OpenWeatherMap API.
- **Features**: city search, location-based weather, detailed stats, responsive design, and error handling.
- Enhanced skills in **UI/UX**, JavaScript, and API integration

3. Vario Benzin Trainer Helicopter   July-August, 2024

- Designed **embedded firmware** with a **modern fly bar** system, provide a stable flight, high control precision and power efficiency while resolving real-time constraints.
- Developed device drivers and implemented reliable hardware-software integration for sensor synchronization, real-time data processing, and dynamic flight adjustments.

ACHIEVEMENTS

- **LeetCode**: 300+ problems solved
- **GeeksforGeeks**: 450+ problems solved
- Work on **Vario Benzin Trainer Helicopter**

SKILLS

- **Programming Languages**: **C++, C,** JavaScript, HTML5, CSS, SQL
- **Front-End**: React.js, React Hooks, Redux, **TailwindCSS**, JSON
- **Back-End**: Node.js, Express.js, MySQL, MongoDB, JWT
- **Tools & Techniques**: GitHub, **VS Code**, Notepad++
- **CourseWork**: **DSA, OOPs, Digital Electronics,**

CERTIFICATIONS

Embedded system and Robotics: Completed advanced training course in Embedded system and Robotics. [view](#)