

Mahendra Kumar Dwivedi

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Skills

Frontend : React, Tailwind CSS, HTML, CSS
Backend : Node.js, Springboot
Languages : Java, Javascript, Python,C/C++

OS : Debian, Ubuntu, Windows
Databases : MySQL, MongoDB, Firebase
Other Tools : Postman, Git, Vite ,Maven

Projects

Learnix

<https://learnix-three.vercel.app/>

Learning Management System (LMS) — MERN Stack

- Built a scalable full-stack LMS using MongoDB, Express.js, React.js, and Node.js, integrated with Clerk for secure authentication and role-based access control (instructor, student)
- Instructors can create, update, and delete courses with modular content and tracked student progress with dynamic updates and backend sync using Mongoose..
- Personalized dashboards for students and instructors showing progress, enrolled courses, and performance analytics.
- Designed scalable RESTful APIs with pagination and filtering for optimized data fetching and performance.
- Admin can manage see student enrolled,educators, and performing administrative actions such as course deletion and data analytics.

PrimeDrive – Let's Drive

<https://primedrive-lake.vercel.app/>

Developed a full-stack car rental web app enabling owners to list/manage vehicles and users to book cars with real-time availability. — MERN Stack

- Built secure REST APIs (Node.js, Express, MongoDB) for vehicle/booking management with JWT authentication role-based access.
- Designed responsive UI (React, TailwindCSS, Recharts) with dashboards showing overall monthly bookings (guests) and owner-specific bookings revenue (logged-in users).
- Implemented booking system with pickup/return dates, dynamic pricing, statuses (pending/confirmed/cancelled), and owner dashboard with customer details (name, email, phone).
- Optimized queries with MongoDB aggregation pipelines for monthly analytics, ensuring scalable and efficient reporting.

Training - Placement Website

<https://training-placement-eta.vercel.app/>

Created a responsive web portal to streamline training and placement activities for students and recruiters. — HTML,CSS,JS

- Developed multiple user roles (students, recruiters, verifiers) with customized functionality.
- Enhanced user experience with dynamic company profile displays and recruitment drive tracking.
- Integrated a search feature for finding companies, roles, and recruitment events.
- Developed the website using HTML, CSS, JavaScript.

Experience

Rajkiya Engineering College

Aug 2024 – Present

College Website Maintenance Team

- Learned the fundamentals of Version Control Like Git and Github and about Real-World Project Management.
- learned to troubleshoot and resolve issues related to user experience, website functionality.

Education

Rajkiya Engineering College , Sonbhadra

2022 - 2026

B.Tech in Computer Science and Engineering - 7.5 CGPA (Current)

Aims International Secondary School , Gonda

Class XII - 89.6% (PCM + CS)

Class X - 92.67%

Achievements

- Achieved the leetcode rating of 1636
- Secured a **contest rank of 1448 on Leetcode** weekly contest 446.
- Solved over 1000 problems on various coding platforms such as Leetcode, GFG, Coding Ninjas etc.