

# Chandan Kumar

MERN Stack Developer

 Portfolio

 GitHub

 LinkedIn

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 Call

## INTERNSHIP

### DUCAT IT TRAINING | MERN STACK DEVELOPER

May 2024 – Mar 2025 | Noida, India

- Developed dynamic and responsive full-stack web applications using the \*\*MERN stack\*\* (MongoDB, Express.js, React.js, Node.js), enhancing user experience with reusable components and efficient state management.
- Integrated \*\*RESTful APIs\*\* for real-time data handling and implemented \*\*JWT-based authentication\*\* for secure user access.
- Built and deployed applications using \*\*Vercel\*\* and \*\*Netlify\*\*, ensuring smooth performance and accessibility across devices.
- Utilized \*\*Tailwind CSS\*\* for modern, responsive UI designs and \*\*Cloudinary\*\* for media management in web applications.

## PROJECTS

### ED.TECH EDUCATION PLATFORM [Link](#) | MERN FULL STACK

2025

- Developed a full-stack EdTech platform using the MERN stack, enabling students to browse, purchase, and learn from interactive online courses.
- Implemented JWT-based authentication and role-based access control (Admin / Instructor / Student) for secure and scalable user management.
- Integrated Razorpay payment gateway to support seamless and secure course purchase workflows.
- Built a responsive and modular front-end using React, Redux Toolkit, and Tailwind CSS for optimal performance and maintainability.
- Designed instructor dashboards allowing course creation, curriculum management, and content uploads via Cloudinary.
- Implemented real-time email notifications using Nodemailer, enabling instant communication for signup, course purchase, and password reset workflows.
- Optimized backend APIs with Express.js, improving performance using caching, pagination, and efficient MongoDB queries.

### PAGINATION WEB APP [Link](#) | VITE + REACT

2025

- Developed a dynamic Pagination application to efficiently load, browse, and navigate large datasets without performance issues.
- Integrated Context API / Redux Toolkit for global state management, ensuring smooth page transitions and predictable state handling.
- Added robust error handling, loading indicators, and page navigation controls (Next, Previous, Jump to Page) for enhanced UX.
- Optimized API calls by applying debouncing and lazy loading techniques to avoid unnecessary re-renders and improve performance.

### PERSONAL PORTFOLIO [Website Link](#) | REACT.JS + VERCCEL

2025

- Developed a personal portfolio website to showcase projects, skills, and experience.
- Designed a clean and modern UI using React.js and deployed on Vercel for optimal performance.
- Integrated sections for About Me, Projects, and Contact Information for easy navigation.
- Implemented responsive design to ensure accessibility across various devices.

## ACHIEVEMENTS

- Solved more than 100+ DSA question on various coding platforms.
- MERN Stack Development Certification – Ducat IT Training
- Completed Hacktoberfest 2022 with multiple accepted pull requests on GitHub.

## SKILLS

### PROGRAMMING

C • Java • JavaScript (ES6+) • TypeScript • HTML5 • CSS3

### LIBRARIES/FRAMEWORKS

React.js • Redux • Redux Toolkit • Node.js • Express.js • Material UI • Tailwind CSS

### TOOLS/PLATFORMS

MongoDB • Mongoose • REST APIs • Postman • JWT Authentication • Razorpay Integration • Cloudinary • Git & GitHub • Vercel • Render

## EDUCATION

### DR RAMMANOHAR LOHIA AVADH UNIVERSITY

B.TECH IN INFORMATION

TECHNOLOGY

July 2020 - 2024 | Ayodhya, India

68%

### ADITYA BIRLA INTERMEDIATE COLLEGE

CLASS X

78.6%

2015-2016 | Sonebhadra, India

CLASS XII

60%

2018-2019 | Sonebhadra, India

## COURSEWORK

- Data Structures and Algorithm
- Operating System
- Database Management System
- Computer Networks
- Object Oriented Techniques

## CODING PROFILES

- Leetcode
- Hackerrank

## LANGUAGES

- Hindi
- English