

Diptendu Lodh

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[LinkedIn](#) | [GitHub](#)

Professional Summary

*Aspiring and certified **MERN Stack Developer** with a solid foundation in **JavaScript, React, Node.js, Express.js and MongoDB**. Passionate about building web applications and solving problems through code, transitioning into tech with a strong background in Mechanical Engineering.*

Technical Skills

Programming Languages: JavaScript (ES6+), HTML, CSS3

Frontend Technologies: React.js

Backend Technologies: Node.js, Express.js, RESTful APIs

Databases: MongoDB, MongoDB Atlas

Tools & Platforms: Git, Postman, Visual Studio Code, Docker

Other Skills: Saga Middleware, Netlify, Render, Angular (basic)

Personal Projects (Self-made)

1. AI-Powered Task Management App (MERN Stack)

[GitHub](#) | [Netlify \(Frontend\)](#) | [Render \(Backend\)](#)

(A full-stack task management application with AI-powered daily summaries with a mock AI integration, built using **React, TypeScript, Vite, Node.js, Express, MongoDB Atlas**.)

- Developed REST APIs for user and task management using Express.js and Mongoose
- Integrated mock GPT module for AI summaries (frontend simulation)
- Deployed frontend on Netlify and backend on Render

Tech Stack: React.js, Node.js, Express.js, MongoDB Atlas, TypeScript, Vite, JWT, GitHub, Netlify, Render

2. Online Ticket Booking Web App (MERN Stack)

[GitHub](#) | [Netlify \(Frontend\)](#) | [Render \(Backend\)](#)

(A MERN Stack Web Application for Movies and Events ticket booking that allows users to choose meal, show timings, date and generate ticket with QR code).

- Deployed frontend on Netlify and backend on Render

Tech Stack: React.js, Node.js, Express.js, MongoDB Atlas, GitHub, Netlify, Render

3. Top 10 Movies/Games Review Web App (MERN Stack)

[GitHub](#) | [Netlify \(Frontend\)](#) | [Render \(Backend\)](#)

(A MERN Stack Review Web Application for Movies and Games that allows users to post new movies/game along with its ratings, reviews, etc. and viewers will only see the top 10 amongst all the movies/game listed in database).

- Deployed frontend on Netlify and backend on Render

Tech Stack: React.js, Node.js, Express.js, MongoDB Atlas, GitHub, Netlify, Render

Professional Experience

ComfyTravels – Travel Consultant (October 2019 – Present)

- Designed and managed custom itineraries for domestic and international travel.
- Built client relationships and delivered tailored travel solutions.

Industrial Quality Controllers – NDT Engineer, QA/QC Mechanical (June 2017 – September 2019)

- Specialized in Ultrasonic Testing (UT) for welding joints.
- Conducted thorough QA/QC assessments ensuring compliance with industry standards.

Test Metal Corporation – NDT Engineer, QA/QC Mechanical (November 2015 – June 2016)

- Conducted quality testing for boilers and industrial assets at CESC, IOCL, and BPCL.
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Certifications

Edureka Certifications:

- [Web Development Certification](#)
 - [jQuery UI Development Certification](#)
 - [Angular Certification](#)
 - [React JS Certification](#)
 - [Node.js Certification](#)
 - [MongoDB Certification](#)
 - [Full Stack Developer](#)
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Education

- **B.E. Mechanical Engineering** – Visvesvaraya Technological University (2011-2015)
 - **Higher Secondary (10+2)** – WBCHSE (2011)
 - **Secondary (10th Standard)** – WBBSE (2008)
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Additional Information

- Open to relocation and remote opportunities.
- Actively working on open-source projects and coding challenges on GitHub.