

# Diptendu Lodh

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

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## Professional Summary

*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.*

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## 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)

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## Personal Projects (Web Applications Built)

### 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

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## 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

- **Visvesvaraya Technological University**  
2011-2015  
B.E. Mechanical Engineering (Full-Time)
- **Sarsuna High School**  
2009-2011  
Higher Secondary (10+2)
- **South Point High School**  
1995-2008  
Secondary (10th Standard)

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## Additional Information

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