

# TRIDEB KUMAR PRADHAN

## FULL STACK DEVELOPER

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### CAREER OBJECTIVE

Accomplished MCA graduate with a solid foundation in front-end development and database management, and 2 years of hands-on experience. Proficient in crafting responsive, user-centric web applications using advanced web technologies and modern frameworks. Seeking a challenging role as a MERN Full Stack Developer to leverage technical expertise in building scalable and innovative web solutions and contribute to impactful development projects.

### PROFESSIONAL SKILLS

**Languages:** C, HTML, CSS, JavaScript (ES6+)

**Front-End Frameworks/Libraries:** React.js, Bootstrap, Material UI, jQuery

**Back-End Technologies:** Node.js, Express.js

**Database :** SQL (MySQL ), MongoDB

**Version Control:** Git, GitHub

**Tools:** Git, Visual Studio Code, Postman

### WORK EXPERIENCE

Alok Industries Limited

(Aug 2022- Present)

#### FRONT-END DEVELOPER

- Developed and maintained responsive and interactive web applications using modern technologies including HTML, CSS, JavaScript, and React.
- Enhanced user experience through dynamic interfaces and improved performance by implementing efficient coding practices and optimization techniques.
- Collaborated with back-end developers and designers to integrate APIs and deliver seamless functionality.
- Managed version control using Git, ensuring consistent code quality and facilitating collaborative development.
- Designed and optimized SQL queries to support and improve web application performance.

### EDUCATION

#### Master of Computer Application

Guru Ghasidas Vishwavidyalaya,Bilaspur (C.G)

7.96 CGPA

2019-2022

#### Bachelor of Science in Computer Science

Gangadhar Meher University, Sambalpur (Odisha)

7.01 CGPA

2016-2019

### CERTIFICATIONS

#### MERN Full Stack Developer - Crio.Do

2023-2024

To drive my professional growth and enhance my skill set, I have enrolled in an advanced web development course with Crio. This targeted training refines my abilities and ensures I remain at the forefront of emerging technologies and industry best practices.

## PROJECT

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### **QKART** Online Shopping E-commerce Website

(Dec 2023-Jan 2024)

[Demo link](#)

Technologies Used :- React.js, Material UI, CSS, Rest, JOI data validation, Mongo Queries, Express JS, Nodejs, Token authentication, Jest framework

- Developed a fully-featured e-commerce website with an intuitive, user-centric design and advanced search functionality for optimized product discovery and navigation.
- Integrated add-to-cart, user authentication (login/signup), and address management features.
- Utilized REST APIs for efficient data handling and operations.
- Implemented order placement and tracking system with secure and scalable data storage using MongoDB.

### **EXPENSE TRACKER** - Expense Management Website

(March 2024)

[Demo link](#)

Technologies Used :- React, MUI, CSS, Hooks, Event handler, Responsive Design, Routing

- Modularized the UI into reusable components for better maintainability.
- Utilized React's state management for smooth and responsive interactions.
- Created dynamic forms for easy addition, editing, and deletion of expenses.
- Implemented summary sections to showcase key metrics like total expenses and average spending.

### **VEHICLE ACCESS CONTROL** - Vehicle Tracking Management Website (May 2024)

[Demo link](#)

Technologies Used :- React.js, Router, DOM, React Hot Toast CSS, JS, QRCode.react, Custom Animation , Mongo Queries, Express JS, Nodejs

- Developed a user registration system to securely onboard new users.
- Implemented barcode generation to create unique identifiers for vehicles upon registration.
- Enabled barcode scanning to authenticate vehicles during entry and exit at office premises.
- Integrated frequency limitation logic to monitor and restrict vehicle movements within office hours.

### **FACTORY OUTLET** -

(July 2024)

[Demo link](#)

Technologies Used :- React, MUI, CSS, Hooks, Event handler, Responsive Design, Routing, Express JS, Node JS, Nodemiler ,Twilio

- Implemented a streamlined process for employees to place orders, with real-time inventory updates and automatic stock deduction.
- Integrated Nodemailer to send automatic email notifications to employees, providing order confirmations and status updates.
- Utilized Node.js to handle backend operations, including business logic, data processing, and integration with MongoDB for secure and scalable data storage.

## LANGUAGES

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English, Hindi, Odia