

# Prachanda Rana

## Full Stack Developer

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I am a dedicated **Full Stack Developer** with expertise in both frontend development using React and backend development with Node.js. With a strong focus on delivering efficient and user-friendly web applications, I have a proven track record of successful project deliveries. My passion for problem-solving and collaboration drives my commitment to creating high-quality software solutions

## EXPERIENCE

### Full stack developer

kathmandu

*TechCraft*

Apr, 2021 - Oct, 2023

At TechCraft, I thrived as a Full Stack Developer, gaining hands-on experience in real-time projects. The dynamic environment and collaborative team enhanced my skills, propelling my professional growth. TechCraft was a crucial catalyst for my development as a developer.

### Freelance Frontend Developer

Lalitpur

*Supreme IT solutions*

Jan, 2024 - Apr, 2024

I work as a freelance frontend web developer at Supreme IT Solutions, specializing in creating responsive frontend pages. My work involves implementing API calls to add functionality. I've completed two notable projects: one for job searching, enabling users to find employment opportunities, and another for an e-commerce platform

### Full stack developer

kathmandu, maitrinagar

*Cartmade*

May, 2024 - Present

At Cartmade, I worked as a Fullstack Developer, utilizing a variety of programming languages to build and enhance web applications. My role involved integrating and customizing Salesforce and Shopify platforms, contributing to both front-end and back-end development. I continuously improved system performance and scalability while refining my skills across diverse technologies.

### MERN STACK DEVELOPER

kathmandu, maitri nagar

*Cartmade Ecommerce*

Jun, 2024 - Present

At Cartmade, I enhanced my skills in both frontend and backend development using the MERN stack. I developed several backend systems with Node.js and Express, which significantly improved the company's product recommendation engine. This work involved integrating external APIs, managing backend processes, and ensuring smooth interaction with the product catalog.

In addition to backend development, I worked with MongoDB for database management and React for frontend development. This hands-on experience with the full MERN stack allowed me to refine my skills in server-side scripting and create a cohesive, effective user experience. The solutions I implemented boosted user engagement and optimized product recommendations for Cartmade's customers.

## PROJECTS (CARTMADE E-COMMERCE)

### Lanyard

Backend Integration with Salesforce

- Developed a Node.js backend and integrated it with Salesforce.
- Developed an interactive UI using react js
- GitHub Repository

### Defend

Backend and Database Integration

- Implemented a Node.js backend connected to MongoDB.
- Developed frontend interactions.
- GitHub Repository

### Sudsy

Created a backend system using Node.js.

- Implemented credit card management features.
- GitHub Repository

## EDUCATION

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BCA

Kathmandu

*College of central state*

Jul, 2019

My BCA education provided a robust foundation in computer science, covering programming, databases, software development, and system analysis. Practical projects enriched my hands-on experience, preparing me for a dynamic career in the field of computer applications.

## PROJECTS

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### MERN API FOR REGISTRATION AND E COMM

I learned to make the apis from deer walk where i held there to take an mern stack course and while learning i get to familiar with node express and mongo.

- what i learned is:-
- Make an express app
- Connect backend with mongodb atlas
- Routes and controller
- Middlewares
- Utils folder for reuse , like for jwt sign and verify make an optional file where all logic were held. and same for the bcrypt js
- Make an api , GET,POST,PATCH,PUT AND DELETE
- Test the api in Postman
- Error handler
- Mongo db aggregation piplines
- Cors error resolve
- Connect backend with frontend

[https://github.com/prachanda482244/DEERWALK-MERNSTACK/tree/main/RESTFUL\\_API](https://github.com/prachanda482244/DEERWALK-MERNSTACK/tree/main/RESTFUL_API)

### Movie-flix-hub

Movie-flix-hub is a simple web application which fetch the data from the api and fetch the data in the frontend. Its the app where user can see the list of the movies and also search for the desired movies and get to know about that well

- Learned about components - reusable
- Tailwind css - responsive design
- Slider with the help of npm package
- Loading Animations
- Data fetching with the help of axios
- Error handling and how to encounter error
- Categories and top categories toggle

<https://movie-flex-hub-itachi.vercel.app/movie/categories>

### Portfolio-Project

While making this portfolio i was learning the concept of tailwind css and know more about it so i thought to make my personal portfolio for the showcase.

- Learned Tailwind css in depth
- Utility classes and responsive design
- Pseudo selector

Recently making the new portfolio with react js and update it soon.

[prachandarana.vercel.app](https://prachandarana.vercel.app)

### Online Rental Market place

Online Rental Market is a full-stack project built on the MERN stack. Users can register and log in to their accounts to create listings for homes available for rent or sale. Other users can then contact the owner to rent or buy the property. This platform facilitates seamless transactions between property owners and potential renters or buyers, enhancing accessibility and convenience in the real estate market

- Setup MongoDB atlas database.
- Setup the backend using Node and express
- User authentication using JWT (Json Web Token)
- Secure user using bcryptjs for user authentication
- Used React for Single Page Application
- Redux toolkit for better management of state
- Code reusability and scalable.

Technology used: [ Mongo , Express , React , Node ]

<https://mern-estate-bca.onrender.com>

## Nike Store

Nike Store is a static application designed for users to explore the latest shoe collections. Built using Tailwind CSS, this project focuses on showcasing Nike's products in an aesthetically pleasing and user-friendly manner. Through this application, users can browse through various shoe designs and learn about their features. Additionally, the project served as a learning experience for implementing Tailwind CSS, emphasizing responsiveness and efficient code organization

- Static Site
- Better UI Design
- Showcase of the Shoes

<https://nike-store-steel.vercel.app/>

## Brain Wave

Brainwave is an innovative static website that serves as a dynamic showcase of the immense potential of Artificial Intelligence (AI), while also spotlighting the latest advancements in technology and design. With a seamless fusion of cutting-edge AI applications and captivating design elements, Brainwave offers visitors a glimpse into the transformative capabilities of AI across various domains.

- Modern Design and better UI
- Better Code Infrastructure
- Reusable Components

<https://brain-wave-ai-web.vercel.app/>

## ACHIEVEMENTS

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### Internsathi Competition - internship

- Secured the second position in the prestigious "Internsathi Competition" for the development of a web application.
- Demonstrated technical excellence, problem-solving skills, and innovation in creating a user-friendly web app.

## TRAINING/CERTIFICATIONS

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### Full stack developer

*Deerwalk*

Under the guidance of experienced teachers at Deerwalk, I underwent comprehensive training in full-stack web development, specifically focusing on the MERN stack. This learning journey has enabled me to refine my skills and build a robust portfolio of projects. With a solid understanding of the MERN stack, I am well-prepared to tackle diverse challenges in the field of web development.

## SKILLS

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ReactJs, Nextjs, Node JS, Express Js, MongoDB, Tailwind Css

## LANGUAGE

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English, Hindi, Nepali