

# Praduman Singh Rawat

Delhi, Delhi pradumanrawat123@gmail.com 7303769921 in/praduman-rawat github.com/Pradumanrawat

## SUMMARY

Full-stack developer experience in Javascript, React, NodeJS, CSS,NextJS,and C++. Skilled in building scalable apps, and RESTful APIs. Familiar with Linux, quick to learn, and a proactive team player focused on delivering high-quality software and achieving project success.

## EXPERIENCE

### Web Developer

VeriTech Services Pvt. Ltd 01/2024 - 02/2024, Maharashtra, India • Developed a responsive web application using React and mongodb.

- Assisted in debugging and optimizing existing Javascript Code,improving application performance.
- Implemented debouncing on search input, reducing API calls by 70% and improving response time.
- Used throttling on scroll events to reduce function executions by 80%, resulting in smoother UI performance.

## PROJECT

### ShopSphere | React+ Tailwind,Express.js,Mongodb

<https://shiny-creponne-b52fda.netlify.app/>

- Built role-based sign up (Admin, Shopkeeper, Customer) with JWT authentication and access control.
- Implemented complete product lifecycle—add / edit / delete / view items with mobile-friendly image uploads.
- Integrated Razorpay enabling secure online payments.
- Generated analytics dashboard showing total products, category-wise sales, orders received, and revenue.
- Created store URLs (/store/<shopname>) for easy sharing.
- Delivered a mobile-first, fully responsive UI .

### Carbon IQ| Next.js |React |Langchain

<https://carboniq-production-de87.up.railway.app/>

- Developed CarbonIQ, an AI-powered platform that calculates and analyzes carbon footprints for individuals and mining industries. • Integrated LangChain agents with structured tools to enable reasoning and connect with custom emission APIs.
- Built a personal carbon footprint calculator that tracks emissions from transportation, electricity use, and renewable energy consumption. • Designed a mine emission calculator to monitor diesel usage, vehicle movement, coal production, and methane emissions. • Implemented carbon credit calculation and scenario planning tools for mine managers to assess and reduce emissions. • Created eco-friendly recommendation features using real-time data fetched via web search integration.
- Developed a responsive Next.js frontend with React ensuring a clean and user-friendly interface.
- Built the backend using Next.js API routes and LangChain, with MongoDB and Mongoose for data storage.
- Added JWT-based authentication for secure login and role-based dashboards (General User & Mine Manager).

## EDUCATION

### Bachelor of computer applications (BCA)

Jagan Institute Of Management Studies(JIMS Rohini) • rohini,Delhi • 01/2023 • 8.3

### Higher Secondary(Class XII)

Sarvodaya Bal Vidyalaya Timarpur • 74%

## SKILLS

Languages: C++, JavaScript, SQL

Technologies/Frameworks: HTML5,CSS3,Express.JS,React,Tailwind,Next.js,Git

Database: MySQL ,Mongodb

Version Control : Git,Github

Devops/Tools: Linux,Ansible,Docker, Vs Code,Google Colab,Postman,Cursor.

### ACHIEVEMENTS

- Hack Vortex – Top 10 Finalist (out of 300+ teams)  
Role: Frontend
- Built: An AI/ML-powered platform for predicting agri-horticultural commodity prices. • Features: Real-time market news, interactive map, and price trend forecasting for farmers and vendors. • Hack With MAIT – Top 150 (out of 900 teams).