

# RAJTILAK PATEL *Backend Developer(Node.js)*

rp2380264@gmail.com | 9131167997 | Raipur (chhattisgarh) | github.com/rajtilak-patel

linkedin.com/in/rajtilak-patel | https://rajtilak-patel-portfolio.netlify.app/

## Profile

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Dedicated Backend Developer with 2.5+ years of experience building scalable, high-performance applications using Node.js, Express, MongoDB, and React.js. Proven expertise in RESTful API development, database optimization, and DevOps practices. Adept at collaborating in agile teams, utilizing Git version control, and ensuring seamless deployments through CI/CD pipelines.

## Professional Experience

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### Backend Developer (Node Js)

01/2024 – present | Raipur, Chhattisgarh

Artech Alliance Private Limited

#### B2B Multi-Vendor E-commerce platform (MERN)

**Tech Stack:** Node.js, Express.js, MongoDB, Redis, React.js, JWT, AWS

- **Built and maintained a full-fledged B2B Multi-Vendor E-commerce platform using the MERN Stack**, designing scalable APIs, integrating advanced catalog management, and implementing high-performance backend architectures. Experienced in building production-grade systems with Node.js, Express.js, MongoDB, Redis, JWT authentication, and cloud-ready deployments.
- **Developed & optimized scalable REST APIs** for product catalog, orders, inventory, vendors, and analytics, serving **10,000+ active B2B customers**.
- **Leveraged Redis caching & MongoDB query optimization**, reducing average response time by **40%** during peak traffic.
- **Implemented secure vendor onboarding & role-based authentication**, improving platform reliability and reducing unauthorized access issues by **90%**.

#### PanditJi Astrology & Consultation Platform

**Tech Stack:** Node.js, Express.js, PostgreSQL, Socket.IO , Redis

- **Built real-time chat & consultation modules** using Socket.IO , enabling smooth communication between **500+ astrologers and customers**.
- **Designed wallet, payments & transaction workflows** supporting instant refunds, wallet recharge, and booking settlements with **99.9% accuracy**.
- **Implemented role-based access & optimized PostgreSQL schemas**, improving query performance by **35%** and reducing server load.

#### E-Commerce Website Builder – Rapid Store Creation Platform

**Tech Stack:** Node.js, Express.js, PostgreSQL, Redis

##### Backend Developer

- **Engineered a dynamic store-builder engine** enabling users to launch a fully functional online store in **under 2 minutes**, reducing manual setup time by **95%**.
- **Created reusable templates & modular APIs** for products, categories, checkout, orders, and payments, supporting **multi-store scalability**.
- **Optimized backend logic & database queries**, improving multi-store response time and lowering server resource usage by **30%**.

### Backend Developer (Node Js)

01/2022 – 12/2023 | Raipur, Chhattisgarh

Patio Digital Private Limited Raipur

#### Petrol Pump Management System – Backend (Developed Single-Handedly)

**Tech Stack:** Node.js, Express.js, MongoDB, Redis

##### Backend Developer | Node.js, Express.js, MongoDB, Redis

- **Designed & built the entire backend system independently**, automating nozzle-wise fuel dispensing, shift management, readings, cash/credit tracking, and daily settlements.
- **Implemented 15+ advanced reporting modules** (nozzle reports, machine reports, credit summaries, daily/weekly/monthly reports), increasing operational accuracy by **40%**.
- **Integrated Redis caching** to handle peak-time analytics, accelerating heavy reports by **up to 60%** and improving user experience.

## Education

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### Masai School (Full Stack Web Development)

04/2022 – 12/2022 | Bangalore

- Completed an intensive, hands-on program covering frontend and backend technologies with a focus on real-world project development.
- Gained hands-on experience in building full-stack web applications using **Node.js**, **React**, and database management tools.

### Bachelor of Engineering (computer science)

06/2019 – 05/2022 | Raipur, India

Chhattisgarh Swami Vivekanand Technical University Raipur

## Technical Skills

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### Backend

Node.js, Express.js, OAuth2.

### Database

MongoDB, Redis, PostgreSQL

### Version Control

Git, GitHub

### Cloud Service

AWS, Firebase.

### Frontend

React.js, Redux Toolkit, JavaScript, HTML, CSS

### APIs & Methodologies

RESTful APIs, MVC Architecture.

### Tools/Platforms

NPM, Postman.

### DevOps

AWS (EC2, S3), Nginx, CI/CD Pipelines.

## Key Achievements

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- Spearheaded a MongoDB query optimization project, reducing query response times by 40%.
- Contributed to the successful deployment of an e-commerce platform serving 10,000+ B2B customers.
- Automated CI/CD pipelines for faster and error-free application deployments.