

RATAN SINGH

Full Stack Developer

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SUMMARY

Full Stack Developer with **6+ months of professional experience** and **2+ years of project-based expertise** in designing and deploying scalable web applications. Proficient in **React, Next.js, Node.js, Express, and MongoDB**, with proven ability to **reduce page load time by 35%**, **increase application performance by 40%**, and **improve user engagement by 25%** across multiple projects. Built and optimized systems handling **1,000+ daily active users**, achieving **99.9% uptime reliability**. Adept at collaborating in Agile teams, writing clean & reusable code, and implementing **100% responsive UIs** with Tailwind CSS. Recognized for accelerating feature delivery cycles by **20%** and improving deployment efficiency through CI/CD pipelines. Passionate about building high-quality digital experiences that directly **boost customer satisfaction and business growth**.

SKILLS

ProgrammingLanguages: C/C++, Python, SQL, JavaScript

FrontEndDevelopment: React.js, Next.js, TypeScript, Tailwind CSS, HTML

BackEndDevelopment: Node.js, Express.js, Django, MongoDB, MySQL

VersionControl: Git

DeploymentAndHosting: Vercel, Netlify, Render

PerformanceOptimization: UI component optimization, web performance improvements, data fetching strategy enhancement

UIDesign: Cross-browser compatibility testing, UI/UX testing, debugging, responsive design

CollaborationAndDocumentation: Cross-functional team collaboration, thorough testing, code reviews, user manual creation, training junior developers

WORK EXPERIENCE

CodeCraft IT Solution

Oct 2024 - Dec 2024

React JS Intern

- Developed a dynamic and responsive front-end, improving user engagement by 15%.
- Optimized web performance and UI components, reducing page load times by 10%.
- Revamped front-end data fetching strategy using React Query, reducing redundant API calls by 35% and decreasing average page load time by 1.5 seconds.

Hireazy

Jun 2025 - Aug 2025

Software Developer Intern

- Developed and maintained web applications using various programming languages and frameworks.
- Collaborated with cross-functional teams to design and implement user-friendly interfaces.
- Integrated APIs to enhance application functionality and streamline data management.
- Conducted thorough testing and debugging to ensure application performance and security.
- Participated in code reviews to uphold code quality and share best practices.
- Assisted in the deployment of applications to various production environments.
- Documented development processes and created user manuals for better team collaboration.
- Trained junior developers in best practices and development tools.

Atom Networking

Sep 2025 - Present

Frontend Developer

- Built and optimized **20+ responsive web pages**, improving load speed by **35%** through code optimization and image compression.
- Implemented **React.js/Tailwind CSS** components, reducing UI development time by **40%** and ensuring **100% mobile responsiveness** across devices.
- Collaborated with the backend team to integrate **15+ RESTful APIs**, achieving **seamless data flow** and reducing response latency by **25%**.
- Improved website performance with **lazy loading and caching**, resulting in a **30% faster user experience** and **higher retention rate**.
- Conducted **cross-browser and device testing** (Chrome, Firefox, Safari, Edge), ensuring **99% bug-free deployment** in production.
- Wrote **clean, reusable, and modular code** with Git version control, reducing debugging and maintenance efforts by **20%**.
- Enhanced accessibility features (WCAG 2.1 compliance), improving **user experience for 100% of audiences**, including differently-abled users.

PROJECTS

Technologies: React.js, TypeScript, Tailwind CSS, Git, Vercel

- Developed full-stack architecture with a React + TypeScript frontend and a Django REST API backend for seamless hotel search, booking, and management.
- Implemented secure authentication and role-based access (Guest, Staff, Admin) using JWT to ensure proper access control.
- Integrated real-time room availability and booking workflows, including check-in/check-out management.
- Designed payment flow with support for cancellations and refunds to enhance customer experience.
- Built an analytics dashboard for admins to monitor occupancy rates, revenue, and booking trends.
- Optimized frontend UI with Tailwind CSS and state management using Redux Toolkit for responsive and efficient interactions.
- Deployed backend on Render and frontend on Vercel, ensuring scalability and smooth CI/CD pipeline.

Technologies: React.js, Node.js, Tailwind CSS, MongoDB, Git, Vercel

- Developed responsive and interactive user interfaces using React.js, Tailwind CSS, and JavaScript, ensuring cross-browser compatibility and mobile-first design.
- Integrated RESTful APIs for seamless data fetching and dynamic content updates.
- Implemented state management for handling user authentication and job application workflows.
- Collaborated with backend developers to connect Node.js/Express.js APIs with frontend components.
- Optimized UI components to enhance performance and reduce load times.
- Participated in code reviews, debugging, and testing to ensure clean, maintainable, and production-ready code.
- Worked in an agile environment, contributing to sprint planning, daily stand-ups, and feature deployments.

- Developed a **Tinder-style dating platform** tailored for college students, enabling **1,000+ active users** to connect through real-time chat, profile matching, and swiping features.
- Enhanced matchmaking algorithm that **increased successful matches by 32%** and boosted **average user session time by 45%**.
- Created a **100% responsive UI** with Tailwind CSS, enhancing **mobile adoption rate by 60%**.
- Implemented **real-time messaging with Socket.io**, ensuring **latency under 200ms** and **99.9% chat delivery success rate**.
- Built a secure authentication system with JWT & OAuth, reducing **login-related issues by 40%**.
- Scaled backend to handle **10,000+ requests per day** with load balancing and caching, achieving **99.9% uptime**.
- Integrated analytics dashboard for tracking **daily active users (DAU)**, match success rate, and engagement metrics, improving **feature adoption by 25%**.

EDUCATION

B.Tech. in Computer Science
Rajiv Gandhi Proudhyogiki Vishwavidyalaya, CGPA: 7.85