

Bhupendra Choudhary

Software Engineer

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📍 Indore

Profile

Software Engineer with hands-on experience in developing full-stack applications using Next.js, React.js, TypeScript, and Node.js, as well as cross-platform mobile apps with React Native. Proficient in building scalable RESTful APIs, integrating Contentful CMS, and developing AI-powered features using OpenAI/Ollama. Skilled in handling real-time data streams, implementing event detection logic, and generating structured reports with LLMs. Adept at optimizing performance, managing state efficiently with tools like Redis, and working with microservices, RabbitMQ, Docker, and CI/CD pipelines.

Skills

Web Development

MERN stack, ReactJs, NextJs, NodeJs, ExpressJs, Redux, Bootstrap, SQL, MongoDB, Firebase

Programming languages

Javascript, Typescript, C++, Python

Application Development

React Native

Other developer tools

Git, GitHub, GitLab CI/CD, Docker, Linux, Firebase, Jest, Xcode, Android Studio

Professional Experience

Engineer Master Solutions Pvt. Ltd.

04/2025 – present

Software Engineer

My expertise includes developing full-stack applications using Next.js, React, Node.js, and Express, along with integrating CMS platforms like Contentful. I have worked on AI-powered systems for real-time vessel tracking and event detection, and created structured reports using LLMs. I am experienced with microservices, Docker, and CI/CD pipelines.

Anaxee Digital Runners Pvt. Ltd.

09/2024 – 01/2025

Software Engineer

I collaborated on both front-end and back-end development, ensuring seamless integration and optimized performance for web applications. Leveraging the MERN stack, I managed the company website, enhancing functionality and improving user experience. On the back-end, I specialized in integration tasks, including API development and secure data handling. A key achievement was implementing Razorpay bulk payout integration using custom Node.js APIs, delivering smooth payment processing and adherence to security standards.

MindRuby Technologies

12/2022 – 07/2024

Software Engineer

My expertise includes developing web applications using React.js and Node.js, as well as creating Android and iOS applications with React Native. I have contributed to full-stack development by implementing robust front-end interfaces and optimizing backend performance. Additionally, I have worked in an agile environment, collaborating with cross-functional teams to deliver high-quality solution.

Projects

Gravity-ES (Vessel Monitoring & AI-Driven Reporting System)

- Developed and deployed a backend system for real-time vessel tracking and anomaly detection using microservices and AI models.

- Integrated data streams from AIS, radar, and camera systems to extract anomalies like flag changes and vessel ID discrepancies.
- Designed and implemented RESTful APIs to support device, traffic, and data services with scalable Node.js microservices.
- Built a structured LLM-based reporting pipeline using OpenAI/Ollama to generate human-readable Markdown reports on vessel behavior.
- Instrumented services using Elastic APM for performance monitoring and bottleneck detection.
- Ensured secure API access with JWT validation, and maintained robust CI/CD pipelines via GitLab.

Easyhome (E-commerce Platform)

- Developed a high-performance, responsive e-commerce frontend using Next.js and TypeScript, featuring dynamic product listings, promotional banners, and CMS-driven content.
- Implemented reusable components with mobile-first design, custom typography utility system, and accessibility best practices.
- Integrated Contentful CMS for real-time content updates including homepage banners, feature cards, and FAQs.
- Built a responsive navigation system with mega menus (desktop) and accordion menus (mobile), fully optimized for SEO and performance.

Blinkly Calendar

- Implemented and optimized date format navigation for a dynamic calendar interface, enhancing user experience.
- Utilized ReactJS as the core framework to build a responsive and interactive calendar component.
- Enhanced performance and scalability by applying efficient state management techniques to dynamically adjust date formats based on selected categories (daily, weekly, monthly, yearly).

MoneySpot

- Developed a mobile application using React Native, focusing on intuitive navigation for loan approval and rejection processes.
- Implemented custom payment gateway and payout solutions using Razorpay APIs, ensuring seamless transactions and efficient fund disbursement.
- Designed and integrated secure, scalable Node.js APIs to handle payment processing, transaction status updates, and automated payouts, optimizing financial workflows and enhancing the user experience.

PayStream

- Developed and integrated custom payment gateway and payout solutions using Razorpay's APIs, enabling seamless transactions and efficient fund disbursement within applications.
- Designed secure, scalable Node.js APIs for handling payment processing, transaction status updates, and automated payouts, optimizing financial workflows and enhancing user experience..
- Implemented robust security protocols and error-handling mechanisms within the payment gateway, ensuring transaction integrity and preventing fraudulent activities.

Education

B.Tech, Computer Science and Engineering

2019 – 2023

IPS Academy, Institute of Engineering & Science, Indore ☑

9.13 CGPA

Interests

Generative AI, Technology trends, Playing team sports, Cinematography