

Harsh Rathore

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Professional Summary

Full Stack Developer with 3+ years of experience building scalable MERN and Next.js applications. Experienced in React.js, Node.js, TypeScript, MongoDB, AWS, OpenAI integrations, and customer engagement platforms. Focused on performance optimization, automation, API development, and business-driven solutions.

Technical Skills

- **Frontend:** React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3, Material UI, Redux Toolkit
- **Backend:** Node.js, Express.js, REST APIs, JWT Authentication, WebSockets, Redis, Microservices
- **Database:** MongoDB, MySQL
- **Cloud & DevOps:** AWS EC2, AWS S3, CI/CD, GitHub, GitLab, Vercel
- **AI & Integrations:** OpenAI API, WhatsApp Meta API Integration, Twilio API, WhatsApp Automation
- **Tools:** Jira, Slack, Teams, VS Code, DBeaver, MongoDB Compass, Figma, Adobe XD

Professional Experience

lifetech Pvt. Ltd – Software Engineer

(May 2024 – Present)

- Built AI-enabled full-stack applications using MERN, Next.js, and TypeScript.
- Developed and maintained 20+ REST APIs supporting customer engagement and automation workflows.
- Integrated OpenAI and third-party services, reducing manual customer interaction efforts by approximately 60%.
- Improved application responsiveness through frontend and backend performance optimizations.

Zappian Pvt. Ltd – Software Engineer

(Apr 2023 – Apr 2024)

- Developed full-stack web applications using the MERN stack.
- Designed MongoDB schemas and secure authentication systems.
- Optimized database queries and API responses to improve performance.
- Collaborated with cross-functional teams to deliver production-ready features.

Key Projects

Golf District – Tee-Time Booking Platform

Tech: React, Next.js, Node.js, SQL, TypeScript, AWS S3, Hyperswitch, Twilio

- Developed an end-to-end booking platform with real-time availability and secure payments.
- Designed database architecture for users, golf courses, and reservations.
- Built scalable authentication and reservation APIs.
- Implemented booking workflows capable of handling high-volume reservation requests

Broadengage – Omnichannel Customer Engagement Platform

Tech: React, Next.js, Node.js, TypeScript, SQL, OpenAI API, Twilio API, AWS

- Developed omnichannel engagement features across Email, SMS, WhatsApp, and Web Push Notifications.
- Built customer journey orchestration workflows for lead nurturing and engagement automation.
- Developed AI-powered WhatsApp automation using OpenAI and Twilio integrations.
- Designed scalable REST APIs and database schemas for campaign and customer management.
- Resolved performance bottlenecks through backend and workflow optimizations.

Education

- Bachelor of Technology (Computer Science), Oriental Institute of Science & Technology, Bhopal (2023)
- Senior Secondary (Science), Mahar Regiment Public School, Sagar (2019)