

Sumit Raj

Software Developer (MERN Stack)

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📄 Summary

Full-Stack Software Developer with 2.6+ years of experience building scalable web applications using the MERN stack. Strong expertise in TypeScript, Next.js, REST APIs, and microservices architecture. Hands-on experience with Docker, AWS S3, and CI/CD pipelines using GitHub Actions. Proven ability to deliver high-impact features in Agile remote environments.

📁 Professional Experience

Octopus Technologies, Software Developer 07/2024 – Present | Remote

- Engineered a Tiles Selector SaaS platform used by 20+ interior designers to preview, compare, and manage tile selections across 100+ product variants
- Orchestrated Docker-based CI/CD pipelines with GitHub Actions, reducing release cycles by 40% and manual deployment effort by 60%
- Integrated AWS S3 for secure media storage of 500+ assets, improving asset access performance by 35%
- Architected reusable UI component libraries across 10+ screens and enforced role-based access control (RBAC) using JWT authentication

Tezo (Formerly Technovert), 01/2023 – 07/2024 | Hyderabad
Junior Software Developer

- Developed and maintained 5+ full-stack modules using React.js, Node.js, and TypeScript, accelerating client feature delivery by 30%
- Optimized backend performance by implementing MongoDB indexing and pagination across 15+ APIs, cutting response times by 40%
- Refactored RESTful APIs and collaborated with 3+ UI/UX designers to ship mobile-first, responsive user experiences
- Authored 50+ unit and integration tests using Jest and executed API validation for 20+ endpoints with Postman
- Containerized applications using Docker and deployed builds via Netlify, supporting automated CI/CD workflows for multiple environments

📁 Projects

LetsCrackDev Full-Stack Interview Prep Platform, 11/2024 – Present

Tech Stack: Next.js, TypeScript, Node.js, Express,
MongoDB, Tailwind CSS, Docker, GitHub Actions

- Engineered a scalable full-stack e-learning platform supporting 2 user roles (admin, user) and 10+ core features
- Implemented secure JWT-based authentication and REST APIs for 7+ modules including courses, users, interview kits, and payments

- Integrated an AI-powered chatbot using Google Gemini API, reducing common user queries by ~25%
- Enabled secure digital content delivery using Google Drive API with time-limited access, protecting 100+ premium resources
- Configured CI/CD pipelines using GitHub Actions and deployed frontend and backend services with zero-downtime releases

Shopdot, Tech Stack: React.js, Next.js, Node.js,
MySQL, Redux Toolkit, Bootstrap [↗](#)

2024 – 05/2024

- Delivered responsive UI components enabling suppliers to embed 50+ products into partner systems
- Managed global application state using Redux Toolkit across 8+ UI modules following atomic design principles
- Integrated frontend modules with backend REST APIs in collaboration with 4+ server-side engineers
- Ensured cross-device compatibility across desktop, tablet, and mobile while maintaining version control using Git and Bitbucket

Hackathon Management System, Tech Stack:
React.js, TypeScript, Node.js, Express, MongoDB,
JWT

07/2024 – 11/2024

- Architected a role-based event management platform used to host 5+ company-wide hackathons
- Built admin dashboards supporting CRUD operations, participant analytics, and judge evaluations for 100+ users
- Applied MongoDB aggregation pipelines to generate real-time leaderboards from 1,000+ submissions
- Designed notification workflows and status tracking for multiple submission states
- Streamlined deployments using environment-based CI/CD workflows, reducing release effort by 50%

Skills

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, MongoDB, Mongoose, PostgreSQL, REST APIs, JWT

DevOps & Cloud: Docker, GitHub Actions (CI/CD), AWS S3, Netlify

Testing & Tools: Jest, Postman, Git, GitHub, Bitbucket, Jira

Concepts: Microservices, Agile/Scrum, Caching, OOP

Education

B.Tech in Information Technology,
Punjab Technical University, Kapurthala, Punjab

07/2019 – 07/2023 | Chandigarh

Certificates

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|------------------------|-----------------------------------|--------------------------------|
| • React JS – NamstedeV | • SQL for Developers – HackerRank | • Cloud Computing Basics – AWS |
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