

HARISH RAWAL

Software Engineer | Full Stack Developer | Backend Engineer | React.js, Next.js, Node.js, TypeScript

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SUMMARY

Software Engineer with 3+ years of experience building scalable full-stack and backend applications using TypeScript, React.js, Next.js, Node.js, PostgreSQL, and MongoDB. Skilled in REST APIs, JWT/RBAC, database optimization, Docker, AWS, CI/CD, and AI/LLM integrations, with a strong focus on system design, API architecture, and performance optimization.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python
- **Frontend:** React.js, Next.js, Redux Toolkit, Tailwind CSS, HTML5, CSS3
- **Backend:** Node.js, Express.js, RESTful APIs, Webhooks, JWT, RBAC, Fastify, FastAPI
- **Databases:** PostgreSQL, MongoDB, Prisma ORM, Mongoose, Schema Design, Indexing, Query Optimization
- **Cloud & DevOps:** AWS (EC2, S3), Docker, Vercel, GitHub Actions, CI/CD, Linux
- **Testing & Tools:** Jest, Vitest, Postman, Git, Agile/Scrum
- **AI & Integrations:** OpenAI API, LLM Integration, RAG, Prompt Engineering

PROFESSIONAL EXPERIENCE

Full Stack Engineer | Serviots

Ahmedabad, India (Oct 2024 – Present)

- Developed and maintained production-grade full-stack applications including ServiRx, MitraVarta AI Chatbot, and PillQ.com using Next.js, Node.js, PostgreSQL, and MongoDB.
- Engineered 20+ secure REST APIs with JWT authentication, RBAC, rate limiting, validation, and structured error handling.
- Built reusable React/Next.js components, admin dashboards, and responsive interfaces using Next.js App Router and Tailwind CSS, improving page load performance by 25%.
- Implemented CI/CD workflows using GitHub Actions and containerized services with Docker, deploying applications across AWS EC2, S3, and Vercel.
- Optimized PostgreSQL and MongoDB query performance using Prisma, Mongoose, indexing, and query optimization, reducing peak query latency by 30%.
- Coordinated development tasks, conducted code reviews and PR verification, debugged production issues, and guided team members on implementation and code quality.

Full Stack Developer | Eyefounder

Budaun, India (Mar 2024 – Aug 2024)

- Developed production-ready e-commerce features for Omindri using React.js, Next.js, Node.js, Express.js, and MongoDB, including product discovery, checkout workflows, and admin dashboards.
- Implemented JWT-based authentication and role-based authorization for administrative workflows and customer data protection.
- Designed MongoDB schemas and aggregation pipelines for product catalogue, search, and transaction-related operations.
- Integrated frontend and backend workflows through REST APIs, handling validation, error states, and API debugging.

Full Stack MERN Developer | Zafron Technology

Remote (Jul 2023 – Feb 2024)

- Developed e-commerce modules for RO water purification products using React.js, Node.js, Express.js, and MongoDB.
- Built RESTful CRUD APIs, database schemas, product workflows, and cart management functionality.
- Implemented responsive frontend interfaces and integrated them with backend APIs.
- Tested and debugged APIs in Postman, resolving edge cases and improving application reliability.

KEY PROJECTS

ServiRx – Pharmacy Management SaaS | Next.js, Node.js, Express.js, PostgreSQL, Prisma, Tailwind CSS

- Built a pharmacy management SaaS with inventory tracking, batch/expiry management, GST billing, REST APIs, and multi-tenant RBAC.

MitraVarta AI Chatbot | Next.js, Node.js, Express.js, OpenAI API, Docker, AWS EC2

- Built an AI chatbot with real-time streaming, conversation context persistence, OpenAI integration, and Docker-based AWS deployment.

HRMS System | React.js, Node.js, Express.js, PostgreSQL, Prisma

- Built an HR management system with employee management, authentication, role-based access control, and REST APIs.

EDUCATION

- B.Tech in Computer Science & Engineering | FIET College, Bareilly (2020 – 2024)