

ROHIT PATIL

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<http://www.linkedin.com/in/rohit-patil18> | <https://github.com/rohitp-18>

Full Stack Web Developer | MERN Stack | Next.js | Building Gen AI applications

Full Stack Developer specialized in the MERN stack and Generative AI. Built scalable Next.js applications and RAG platforms with semantic search capabilities. Deployed the applications on a custom AWS EC2 instance, configuring Nginx as a reverse proxy and using Docker for containerization to ensure scalability and performance., moving beyond simple Vercel deployments. Passionate about merging clean architecture with modern AI solutions.

TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, Redux, Material UI, Tailwind CSS, HTML, CSS, SCSS/SASS.
- **Backend:** Node.js, Express.js, MongoDB, JWT, Cloudinary, API design, API testing, Fast API.
- **Languages:** JavaScript, TypeScript, Java (DSA & OOP), Python.
- **Tools:** Git, GitHub, REST APIs, Postman, Vercel, Socket.io, Render.
- **Core Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), DBMS, Operating Systems (OS), Computer Networks.
- **Generative AI :** Langchain, RAG, Vector Database(Pinecone, ChromaDB), LLM Integration(Gemini)
- **Cloud & DevOps:** AWS (EC2), Docker, Nginx, Linux (Ubuntu), Vercel

EXPERIENCE

Frontend developer Intern

Opineworks LLP (Aug 2025 - Oct 2025)

- Optimized the frontend performance by resolving critical Interface bugs.
- Implemented new user-facing features using React.js, resulting in a smoother user experience.

Full Stack web developer Intern

Annraj food pvt ltd (Sep 2024 - Nov 2024)

- Developed the application for selling their product worldwide using MERN stack.
- Integrated payment methods, cart section, order summary, designed platform to manage more than 2000 products.

PROJECTS

Social Networking website - (<https://github.com/rohitp-18/social-media>) (<https://www.social.rohit.tech/>)

- Developed a scalable MERN-based platform with group, job, and company features
- Integrated real-time bidirectional communication using Socket.io.
- Built a fully responsive and user-friendly website.
- Engineered a scalable MongoDB database schema for storing the user data and website data.
- Designed using React.js, ShadcnUI, TailwindCSS.
- Built an SEO-friendly website using the Next.js Integration with TypeScript support.

E-Commerce full stack website- (<https://e-commerce-r.onrender.com/>) (<https://www.store.rohitp.tech>)

- Integrated separate dashboards for sellers and admin.
- Enabled the seller to manage product listings, pricing and advertisements.
- Developed mobile-first design to enhance shopping experience across devices.
- Admin can manage website content, user activity, and has full platform control.
- Implemented JWT authentication, optimized REST APIs

Multi-Document RAG Platform - (<https://github.com/rohitp-18/multi-doc-rag>) (<https://www.docs.rohitp.tech>)

- Built 3-tier full-stack application (Next.js, Express.js, FastAPI) with TypeScript, MongoDB, and JWT authentication for secure document processing with AI.
- Integrated LangChain with Pinecone vector database for semantic search and Google Gemini API for Q&A across documents.
- Built multi-document upload pipeline with persistent chat history and real-time processing using Redux and MongoDB.
- Developed RESTful APIs with Express.js for authentication, error

EDUCATION

- **B.Sc (Computer Science) - III** - Shri Shivaji Mahavidyalaya, Barshi
Punyashlok Ahilyabai Holkar University, Solapur –Jun 2023 - April 2026 (expected)
CGPA: 9.29
- **HSC (12th)** - SGRG Shinde Mahavidyalaya, Paranda
Jun 2022 - Mar 2023
Percentage: 65.83%