

ROHIT PATIL

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[LinkedIn](#) [GitHub](#) [Portfolio](#) [Blog](#)

Summary

Backend engineer with experience shipping production services in Node.js, NestJS, and PostgreSQL. Comfortable with RBAC, Redis caching, Prisma, and Docker, and used to owning a backend from API design through to the database.

Education

D.Y. Patil School of Engineering

Bachelor of Technology in Computer Engineering **8.5 CGPA**

Pune, India

2022 – 2026

SMS & ET

Higher Secondary Certificate

Pune, India

2020 – 2022

Technical Skills

Backend: Node.js, Express, NestJS, Firebase, OpenFGA, REST APIs

Frontend: React, Angular, TypeScript, JavaScript, HTML/CSS, Tailwind CSS

Database: MongoDB, PostgreSQL, MySQL, Prisma, Redis

Tools: Git, Github, Docker

Experience

Shellel

Full-Stack Developer Intern

Remote, India

May 2026 – Present

- Moved the company's public pages (food database, blog, features, and static pages) from Handlebars to **Angular SSR** with client hydration, putting the whole public site on one rendering stack without changing any URLs.
- Wrote the backing **REST/JSON APIs in Node.js (NestJS)** with **MongoDB/Mongoose** so each page loads from a single request, owning the backend data flow.
- Set up a layered cache (CDN edge → SSR → in-memory → MongoDB) so traffic spikes and crawls rarely hit the database.
- Integrated Google Analytics 4 (GA4) into an Angular web application with environment-specific configuration to separate development and production tracking data.

Projects

Parkcade | Node.js, OpenFGA, Redis, PostgreSQL, Prisma, Docker

[GitHub](#) | Jan 2026

- Built a real-time parking management system with role-based access and the booking logic behind slot reservations.
- Added Redis caching and tuned PostgreSQL queries to keep slot management responsive under concurrent load.

QuizForge | Generative AI, Firebase, React, JavaScript

[Live](#) | Mar 2026

- Built a serverless quiz generator that uses Google Generative AI to create assessments from a user prompt.
- Used Firebase for hosting and real-time data.

Publication

Building Real-Time Apps with Socket.io

[Read Article](#) | 2025

- A guide to using WebSockets in React, covering full-duplex communication and room-based messaging.

Nest.js for Beginners

[Read Article](#) | 2026

- An introduction to NestJS, covering its modular structure and where it helps compared to plain Express.

Achievements

Smart India Hackathon 2024 Participant: Built solutions for national-level problem statements focused on software efficiency.

Event Coordinator – Tech Fusion 2024: Ran the "Treasure Hunt" event and coordinated logistics for over 100 students.