Rohit Yadav

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SUMMARY

Full-stack developer with 1+ years shipping production systems on Next.js, Node.js, and AWS. Built a multi-tenant email platform on Amazon SES and a 98% PageSpeed marketplace.

EDUCATION

Chandigarh University — Mohali, Punjab
B.E. in Computer Science and Engineering — CGPA: 7.72 — *2022 – 2026*

RPS Sr. Sec. School — Khatod, Mahendragarh
CBSE Class XII — 82.9% — *2021*

EXPERIENCE

5Trainers — Mohali, Punjab
Full Stack Web Developer — *February 2026 – Present*

- Built **Mailer123.com**, a multi-tenant email marketing platform (**Next.js, TypeScript, MongoDB**) sending bulk campaigns via **Amazon SES**, with DKIM/SPF, domain warmup, and reputation guards on **SQS, SNS, and CloudWatch**
- Shipped a versioned public **REST API** and an **MCP server** for agent integrations, plus an admin back office for team, billing, and content management
- Engineered and deployed **Mohali123.com** on **AWS** at a **98% PageSpeed score**, optimizing asset delivery, caching, and server response times; owned the deployment pipeline end to end
- Developed an **EdTech CRM** (**Next.js, Express, MongoDB**) with course, student, and content management modules, plus a Lead Management System that qualifies and converts **10+** student inquiries per month
- Designed high-conversion, responsive landing pages (**React, Next.js, Tailwind CSS**) for marketing campaigns, keeping mobile load time under **2.5s** through image optimization and route-level code splitting

Freelance Full Stack Developer — Remote
Healthcare Community Platform — *August 2025 – February 2026*

- Built a healthcare networking platform serving **1,000+ users**, with feeds, posts, profiles, and social interactions backed by **React** and **Node.js/MongoDB**
- Developed REST APIs for real-time content management, cutting median response time from **350ms to 150ms** through query indexing and payload optimization
- Implemented secure **JWT-based authentication**, role-based access control, and protected API endpoints to ensure secure user and healthcare-related data management

PROJECTS

ChatDesk — Live Chat & Support | *Next.js, TypeScript, Socket.IO, PostgreSQL, Redis* — 2026

- Built an Intercom-style customer messaging tool with an embeddable widget, real-time agent inbox over **WebSockets**, conversation threading, and **Redis**-backed presence and typing indicators

UrlHUB | *Next.js, MongoDB, React Query, Recharts, GenAI* — 2025

- Built a URL shortening and analytics platform managing **1,200+ links** and **45,000+ clicks** for **150+ users**, with AI-generated marketing insights from click data

Water Body Monitoring System | *Next.js, Node.js, PostgreSQL, IoT* — 2024

- Developed a real-time water quality monitoring system integrating IoT sensors, dashboards, and AI-based prediction on **Sentinel-2** satellite imagery — winning entry at Smart India Hackathon 2024

ACHIEVEMENTS

- Won **Smart India Hackathon 2024** for a Delhi water body monitoring solution, earning **Rs. 1 lakh** in funding
- Reached the final round of **Robofest 4.0**, securing **Rs. 2.5 lakh** in project funding

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++
Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, React Native
Backend: Node.js, Express.js, REST APIs, WebSockets
Databases: MongoDB, PostgreSQL, MySQL, Redis
Cloud & DevOps: AWS (EC2, S3, SES, SQS, SNS, CloudWatch), Git, GitHub, CI/CD
Tools: Visual Studio Code, Postman, Figma