

Navdeep Rana

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 1+ year of production experience shipping enterprise tools and AI automation platforms. Drove development of an ERP system serving 500+ employees and 50,000+ business clients — owning RBAC architecture, approval workflows, and cross-module integration. Independently built a social media automation platform managing 80+ pages generating 10M+ impressions daily with AI-driven content generation. Proficient across React, Node.js, Express, MongoDB, PostgreSQL, Redis, and cloud deployment.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML, CSS, SQL

Frontend: React 19, Next.js 15, Vite, Tailwind CSS, Redux Toolkit, React Query, shadcn/ui, Radix UI, Socket.IO Client

Backend: Node.js, Express.js, REST API Design, JWT, OAuth, Socket.IO, Server-Sent Events, RabbitMQ, BullMQ

Databases: MongoDB, PostgreSQL, Redis

DevOps: Git, GitHub Actions CI/CD, Docker, PM2, AWS (S3, SES), Linux/VPS, Nginx, n8n

APIs & Integrations: OpenAI, Google Gemini, Meta Graph API, Razorpay, BullMQ

PROFESSIONAL EXPERIENCE

Full Stack Developer

Apr 2024 – Present

RegisterKaro (Safe Ledger Pvt. Ltd.) — Gurugram, India

- Built core modules of an ERP Admin portal used daily by 500+ employees to manage compliance filings, client onboarding, and task tracking for 50,000+ business clients.
- Developed a client-facing Customer Portal enabling businesses to track filings, view compliance status, and raise support tickets — reducing inbound support call volume.
- Implemented real-time ticket management system with priority routing, Socket.IO live updates, and RabbitMQ-driven assignment workflows.
- Architected the permission system and role-based access control (RBAC) — granular permissions, role hierarchies, and protected routes across the platform.
- Built multi-stage form submission and approval workflows, employee dashboards, and internal chat across a shared Express/PostgreSQL backend.
- Drove cross-module development in a 6-person team, owning API design, React component architecture, and complex feature integration.

Independent Developer — AutoMeta

2024 – Present

Side Project

- Solo-built a multi-account social media automation platform managing 80+ Facebook/Instagram pages with independent feed, story, and reel schedules.
- Architected a 3-repo system: React dashboard (Vite), Express REST API with JWT auth, and Node.js automation engine with 1-minute tick scheduler and durable job pipelines.
- Integrated OpenAI GPT-4o, Gemini Imagen 4, and Veo 3 for automated text, image, and video content generation with stage-by-stage failure recovery.
- Deployed on Ubuntu VPS with PM2, GitHub Actions CI/CD, Docker microservices, and multi-tenant auth with credit-based pricing.

2024 – 2025

Automation & Workflow Engineering

Independent

- Built automation workflows using n8n and custom JavaScript to manage a network of 100+ social media channels at scale.
- Transitioned from content operations into software engineering — automation challenges led to building full production systems.

Digital Marketing & Content Creation

2016 – 2024

Independent

- Built an audience of 100M+ followers across 100+ channels, generating billions of views through content strategy and platform growth.

PROJECTS

RegisterKaro ERP Admin + Customer Portal

React 19, Next.js, TypeScript, Node.js, Express, PostgreSQL, Redis, RabbitMQ, Socket.IO, shadcn/ui

- Enterprise admin portal: employee management, compliance tracking, multi-stage task workflows, ticket system, CRM integration, payment processing, role-based access for 500+ users.
- Client portal: company dashboard, filing status tracker, document management, and support ticket system for 50K+ business clients.

AutoMeta — Social Media Automation Platform

React, Vite, Node.js, Express, MongoDB, OpenAI, Gemini, Docker, PM2, GitHub Actions CI/CD

- 6 content source types, AI video template system, Docker face-swap microservice, multi-tenant auth, 3-tier pricing with credits.

Gym Tracker

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EDUCATION

BSc Non-Medical

2019

Kurukshetra University (KUK)