

NISHAL DEVADIGA

Backend Engineer | Full-Stack Developer

Mangalore, India • nishaldevadiga2003@gmail.com • linkedin.com/in/nishaldev • github.com/NishalDev • [Portfolio](#)

SUMMARY

Founding backend engineer who designs, ships and maintains production systems end-to-end, architecture through deployment, independently. Currently the sole backend engineer on a four-person founding team at a live pan-India proptech platform serving 2,000+ users. Deep in Node.js, TypeScript and PostgreSQL with hands-on experience in queue-driven architectures (BullMQ), geospatial systems (PostGIS), LLM integration and AWS deployment.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python, SQL
Backend	Node.js, Express.js, FastAPI, BullMQ, REST APIs
Databases	PostgreSQL, MySQL, Redis, PostGIS
Cloud & DevOps	AWS (S3, EC2), Docker, Nginx, CI/CD, Git
Security & Auth	JWT, OAuth 2.0, AES-256-GCM, RBAC, OTP flows
Frontend	React, Next.js, Tailwind CSS, HTML5 / CSS3

PROFESSIONAL EXPERIENCE

Founding Backend Developer | LandMint Private Limited

Jan 2026 - Present

- Sole backend engineer on a four-person founding team - designed and own the entire production backend of a pan-India platform (web, Android, iOS) from day one, with no separate DevOps, QA, or architecture function.
- Designed a 50+ table schema and admin portal spanning property listings, a construction-material marketplace, seller dashboards and subscription / advertisement modules.
- Designed and maintain the RBAC system with Razorpay, AWS S3, and Google Maps integrations, serving 2,000+ active users across India.

Full-Stack Developer | IR Infotech

Feb 2025 - Dec 2025

- Led end-to-end development of Aarogya Sampark, a healthcare platform for lab booking, home sample collection, and report management - from API design to deployment.
- Engineered scalable Node.js, Express, PostgreSQL backend services with JWT-based RBAC, integrating Razorpay payments, AWS S3 and Google Maps.

PROJECTS

Zaash - Sales Auditing Platform · Flagship (Staging)

[zaash.io](#)

TypeScript · Node.js · PostgreSQL · Redis · BullMQ · LLM integrations

- Engineered a configurable weighted scoring engine that normalizes multi-factor audit data into a single 0-100 score with admin-tunable weights, letting non-technical users reshape audit logic without code changes.
- Built a multi-worker BullMQ pipeline running four async job types - scoring, AI generation, PDF/Excel export, and external data ingestion - with typed jobs, retries and exponential backoff.
- Integrated an LLM narrative layer generating human-readable audit summaries and actionable recommendations from raw scores, alongside Razorpay billing, S3 storage and email notifications.

Dump2Form - AI Data-Entry Tool

[dump2form.com](#)

Next.js · TypeScript · Supabase · Claude API · Zod

- Solved the core challenge of reliable AI extraction from unstructured text - schema-constrained parsing with Zod validation and a confidence-scoring + source-provenance layer that flags low-certainty fields for review.
- Built end-to-end: a flexible template builder, web-lookup enrichment for missing fields, and multi-format export (CSV / JSON / Excel) -250+ templates, 500+ fields extracted, sub-10s fill time.

Sweepzy - Civic Engagement Platform

[sweepzy.in](#)

Next.js · TypeScript · FastAPI · PostgreSQL · PostGIS · Redis · Docker

- Built a PostGIS geospatial engine powering proximity search and location clustering over litter reports through optimized spatial queries.
- Designed an async AI image-verification pipeline (Redis-queued) with a multilingual Next.js + RBAC frontend, containerized via Docker and CI/CD.

EDUCATION

B.E. Computer Science Mangalore Institute of Technology & Engineering

GPA 8.5 / 10 · 2025