GARVIT SHARMA

Software Development Engineer | Backend, Cloud and AI Systems | Open to Navi Mumbai, Bangalore, Delhi NCR
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EDUCATION

Bennett University | B.Tech Computer Science and Engineering (AI) CGPA 8.98 / 10 | 2022 to 2026

EXPERIENCE

Zanobe Digital | Technical Consultant (Web), Remote Sep 2025 to Present

Sole technical contact for Zulal Wellness Resort (Qatar) and Holiday Inn Resort Samui (Thailand).

- Raised mobile PageSpeed from **41 to 70+** on a high-traffic resort site by shipping full-page caching, CDN edge rules and WebP delivery
- Cut projected monthly bandwidth by **43% (229 GB to 130 GB)** with zero downtime by migrating holidayinnsamui.com to Cloudflare with edge caching and WebP/AVIF conversion
- Restored the main GCC booking path **within hours** of detection by debugging a live production failure in Arabic-language navigation

Global Ledger Automation Pvt. Ltd. | Web Developer, Noida May 2024 to Sep 2025

- Enabled TDS compliance for **50+ CA firms** on efilingitr.com by building a Section 194A/194C/194J computation engine and Form 26Q export in Node.js, TypeScript, Next.js and PostgreSQL
- Saved an estimated **18 to 22 hours of manual work per week** by scaling n8n compliance and reminder automation from 7 to 12 workflows

Freelance Software Engineer | Remote 2020 to Present

- Delivered **30+ production** web and automation projects for clients in India and the US by owning the full lifecycle, from backend design in Node.js and PostgreSQL to containerised Docker deployments behind Cloudflare CDN
- Scaled a hospital booking platform to **600+ patient bookings a month** and cut page load by **65% (8 s to 2.8 s)** by rebuilding the booking flow and fixing render-blocking assets and unindexed MongoDB queries

BUILDS

CourierOS | Multi-tenant courier logistics SaaS Next.js, tRPC, Prisma, Postgres

- Replaced a closed vendor system and migrated **800,000+ production rows** by reverse-engineering its compiled application to rebuild an undocumented database schema
- Gated every deployment behind **793+ automated tests** by designing tenant isolation, role-based access control and end-to-end type safety

Donna CMS | WhatsApp-first ERP for a hygiene products manufacturer Next.js, Supabase, LLMs

- Replaced Tally Prime with an ERP that raised **125+ quotations and 120+ GST invoices** in its first 3 months, covering inventory, two-stage manufacturing, multi-level BOM explosion and FEFO batch allocation
- Turned WhatsApp into the factory's data-entry layer, replying in a **median 9 s**, by building a bot where staff forward bills, file **150+ marketplace shipping labels**, and speak Hinglish voice notes that return GST quote PDFs convertible to a sale in one tap
- Kept AI errors off a money path by limiting the LLM to extraction and voice transcription while deterministic code matches parties and products, checks totals, catches duplicate bills and posts only through closed button prompts
- Gave the owner real-time fraud oversight, with **89 alerts on staff invoice edits and deletes in 9 weeks**, by streaming CMS audit events to WhatsApp Cloud API

Hisaab | Autonomous AI agent for merchant money reconciliation AI agents

- Reached the **offline finals of the Paytm Build for India AI Hackathon** (Delhi-NCR, Track 3) by building an agent that finds and fixes wrong deductions on Paytm merchant accounts

IoT and Edge Automation | Sensor-driven hardware and AI builds ESP32, MediaPipe, n8n

- Built sensor-driven automations, including a MediaPipe posture coach that speaks corrections through ElevenLabs and ESP32 mmWave presence detection that triggers phone blocking through n8n webhooks

TECHNICAL SKILLS

Core: Data Structures and Algorithms, OOP, DBMS, System Design, REST APIs
Languages: TypeScript, JavaScript, Python, SQL, PHP, HTML/CSS
Frameworks: React, Next.js, Node.js, Express, tRPC, Flask, Tailwind CSS
Databases: PostgreSQL, MySQL, MongoDB, Supabase, Prisma, Drizzle ORM, Redis
Cloud and AI: Docker, Linux, Cloudflare, Vercel, CI/CD, Jest, Coolify, Traefik, n8n, LLM agents, MediaPipe, ESP32

LEADERSHIP

Async Freelance Club, Bennett University | President 2023 to 2024

- Grew membership **10x (50 to 500+)** in one year by leading an 8-person team running workshops and partner programmes