

Divyansh Sharma

C4 Janakpuri, New Delhi, 110058 | +91 9305441885 | connectwithdivyansharma@gmail.com
divyanshsharma.com | github.com/divyansharma001 | linkedin.com/in/divyansharma001

EXPERIENCE

SalesDuo Inc

Mar 2026 – Present

Software Engineer Intern

- Built features across a multi-service architecture — a multi-tenant SaaS core (Express, TypeScript, Sequelize) and an LLM-powered listings/brand-store optimizer (Python) — behind a shared nginx gateway with hostname-based routing
- Shipped on AWS (ECS-on-EC2, ALB, RDS PostgreSQL 16, Redis) with GitHub Actions CI/CD that auto-deploys on merge and runs DB migrations on container startup, on a Controller-Service-Model layered design
- Cut LLM cost and latency by reusing one existing-store analysis across narrative, image-prompt, and QA stages instead of recomputing per step; made non-critical steps fail gracefully to keep runs reliable
- Delivered a PRD-driven brand-store generation feature end to end (schema/migrations, scraping, LLM analysis, multi-stage content) with Redis-backed session auth (UUID, 24h TTL, HTTP-only cookies) across services

MarkupX Brands

Aug 2025 – Dec 2025

Full Stack AI Engineer, System Architecture

- Built an enterprise AI platform powering 12+ generative features (Virtual Try-On, Face Swap) with GPU-accelerated Canvas processing (40% lower client-side latency), re-architecting state with Zustand to cut code by 66% and eliminate 70% of unnecessary re-renders
- Designed a hybrid database (MongoDB + Cloudflare D1 edge) serving 100M+ records, with 40+ rate-limited, idempotent API endpoints orchestrating async AI jobs (FAL.ai) and payments (Razorpay)

Modulus

Apr 2025 – Aug 2025

Full Stack Developer, Technical Ownership & Scalable Architecture

- Scaled cloud infrastructure for 10x user growth to 500+ active users; automated deployments via GitHub Actions CI/CD and cut database load with a two-layer Redis/Cloudflare cache (82% hit ratio)
- Built an AI-powered recommendation engine (LangChain, Google Gemini) and a fully automated booking workflow (Razorpay, Cal.com), backed by a resilient background job scheduler

PROJECTS

HyperPersona | [GitHub](#) | Python, FastAPI, DynamoDB, OpenSearch, AWS ECS

May 2026

- Built a privacy-first recommendation engine (Python, TypeScript) with consent-aware ingestion, ML/LLM recommendations, and a React UI; enforced GDPR right-to-erasure across DynamoDB, OpenSearch vectors, and Redis
- Implemented a multi-stage pipeline (embedding retrieval, recency/polarity ranking, hybrid lexical+vector search, chain-of-verification generation) to cut hallucinations, containerized on AWS ECS/ECR

Safire | [GitHub](#) | Next.js, Plasmio, Redis, Docker, Queues, RAG

Jan 2025

- Built a real-time safety system using LLMs and RAG with a containerized backend (three-layer caching, round-robin load balancing, worker queues) reducing latency 60%, plus a Puppeteer engine generating tamper-proof forensic PDFs on Cloudinary

Limitra | [GitHub](#) | npm | TypeScript, Redis, Lua, Node.js, System Design

Jan 2026

- Engineered a resilient rate limiter with an adaptive strategy that hot-swaps Redis to in-memory during CPU spikes (atomic Lua check-and-set); earned 50+ GitHub stars and 60k+ impressions with hot-swappable algorithms (Token Bucket, Sliding Window)

TECHNICAL SKILLS

Languages & Frontend: TypeScript, JavaScript, Python, Java, C/C++, SQL, React.js, Next.js, Redux, Tailwind CSS

Backend & Databases: Node.js, Express.js, FastAPI, Celery, Nginx, PostgreSQL, Redis, MongoDB, MySQL, DynamoDB, Prisma, Drizzle

Cloud, DevOps & AI: AWS (EC2, S3, ECS, ECR, SQS), Cloudflare, Docker, GitHub Actions, LangChain, RAG, Vector Search, OpenSearch/AOSS

ACHIEVEMENTS

10× National Hackathon Winner/Finalist, including **Cognizant Technoverse Hackathon** (Top 23 teams nationwide) and **Code Kshetra 2.0** Champion (15,000+ participants); built and shipped **10+ products** serving **2,500+ users**.

EDUCATION

Maharaja Surajmal Institute of Technology

Sep. 2023 – Aug 2027

Bachelor of Technology in Information Technology (CGPA: 8.76)

Delhi, India