

DIVAKAR JAISWAL

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Technical Skills

Languages: JavaScript, TypeScript, Go, Python, SQL

Frontend: React.js, Next.js, Redux, Tailwind CSS, Framer Motion, React Flow

Backend: Node.js, Express, FastAPI, Gin, gRPC, REST APIs, OAuth 2.0, Prisma, BullMQ

AI/ML: LangChain, LangGraph, LangSmith, RAG Pipelines, Vector Databases (Qdrant, FAISS, Pinecone, Weaviate)

Databases: PostgreSQL, MongoDB, Redis, Neo4j

DevOps & Cloud: AWS (S3, EC2), Docker, CI/CD Pipelines, Cloudflare Workers, DigitalOcean

Experience

TexAu

Nov 2025 – Present

Software Engineer

Pune, India

- Engineered a full-stack **Stripe** billing engine (**Go**, **Next.js**) with REST API integrations handling plan upgrades/downgrades with proration, Lifetime Deal provisioning, and webhook-driven subscription lifecycle — enabling monetisation that reached **~\$10K MRR** within one month of launch.
- Architected a **Redis**-based credit ledger with **atomic Lua scripts** for upfront reservation and post-execution deduction via a microservices architecture — the platform's sole monetisation primitive, metering every enrichment action and AI run.
- Designed an AI agent microservice (**Python**, **LangGraph**, **gRPC**, **Qdrant**) end-to-end as part of a distributed system design: **RAG** pipeline over **500+** enrichment actions, DAG-based Copilot planner with multi-turn approval, and AI formula generator — shipped to production in under **4 months** collaborating with a cross-functional team.

Oriserve

Sept 2024 – March 2025

Software Engineer Intern

Noida, U.P

- Developed a scalable data pipeline for **IKEA** using **Python** and REST API integrations, processing CSV files every 6 hours and reducing preprocessing time by **30%** while ensuring data integrity for AI training.
- Streamlined a WhatsApp communication system for **Vodafone** by designing a CSV-driven template engine processing messages in batches of **5,000** — deployed via CI/CD pipelines, significantly enhancing outreach efficiency.
- Enhanced reporting and vernacular support — expanding from **2 to 9 languages** — by refactoring over **1,000** lines of code with improved OAuth 2.0 authentication flows, boosting user engagement by **20%**.

TwoKey

March 2024 – May 2024

Front End Developer Intern

Remote

- Revamped the company website with responsive design and REST API-driven content, slashing page load times by **30%** through code optimisation and efficient use of **Context API**, improving user engagement metrics.

Projects

AgentFlow - Link | *Next.js, LangChain, LangGraph, Prisma, PostgreSQL, Docker, CI/CD*

Sept 2025 – Oct 2025

- Built a visual workflow automation platform (n8n-inspired) with a drag-and-drop React Flow interface and a DFS-based execution engine; applied microservices system design principles, deployed to DigitalOcean via Docker and CI/CD pipelines, achieving **60%** faster deployment cycles.

Vektor - Link | *LangChain, LangGraph, Qdrant, Neo4j, Redis, PostgreSQL, REST APIs, AWS*

April 2025 – Sept 2025

- Shipped an AI agentic email automation system with RAG (Qdrant) for semantic search, Neo4j for conversational memory graph, and REST API-based AWS S3 file handling with Redis caching — improving response relevance by **45%** and reducing API latency by **40%**.

Opinion - Link | *Next.js, Node.js, WebSocket, Redis, Turborepo, Docker, REST APIs*

May 2025 – June 2025

- Built a real-time opinion trading platform using microservices architecture, REST API backend, Redis queue-based communication, and an AMM pricing engine; established pub-sub WebSocket delivery with sub-**100ms** latency serving concurrent users.

Education

Bennett University

Sep. 2021 – June 2025

Bachelor of Technology in Computer Science, **CGPA: 8.5**

Greater Noida, Uttar Pradesh

Delhi Public School

April 2020 – July 2021

PCM With Computer Science, **Percentage: 85%**

Faridabad, Haryana

Extras

Competitive Programming: 5-Star Java on HackerRank; 70+ problems on LeetCode