

AVINASH NARWARIYA

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EXPERIENCE

Full Stack Engineer

Jun. 2026 – Aug. 2026

Kakiyo

San Francisco, Remote

- Built the backend for Kakiyo's in-app support platform, using **Hono** and **PlanetScale** to handle ticket intake, routing, and status tracking, cutting **ticket resolution time by 15%** over manual handling.
- Integrated **Attio**, **Pipedrive**, and **Salesforce** CRMs into Kakiyo's core business logic, building unified sync pipelines that **reduced manual data entry by 20%**.

Full Stack Developer Intern

Feb. 2026 – May 2026

The Housekraft

Bengaluru, On-site

- Integrated a full-stack feedback system enabling users to submit, route, and track input, reducing **untracked support requests by 30%**.
- Shipped Three.js 3D rendering features with scene optimizations and restructured onboarding flow, cutting **user drop-off by 25%** and improving **load time by 20%**.

Full Stack Developer Intern

Oct. 2025 – Dec. 2025

AptiDude

Indore, Remote

- Built end-to-end Puzzles and Blogs modules for a **5,000+ user** platform using React and scalable backend APIs, increasing **DAU by 20%**.
- Designed an SEO-optimized blog CMS with server-side optimizations, improving search visibility and reducing **page load times by 35%**.

Backend Developer

Aug. 2025 – Oct. 2025

eéna

Jabalpur, Remote

- Built media and reel microservices using Node.js and Cloudinary, enabling **100% automated HLS video processing** and **30% faster content delivery**.
- Implemented an adaptive feed service with Redis caching and rule-based ranking, reducing **feed latency by 40%**.

TECHNICAL SKILLS

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

Frontend: React.js, Next.js, Tailwind CSS, shadcn/ui, Framer Motion, TanStack Query, Zustand

Backend: Node.js, Hono, Fastify, Express, FastAPI, Spring Boot

Databases & Caching: PostgreSQL, TimescaleDB, MongoDB, Redis, pgvector

AI & Agents: LangChain, LangGraph, MCP, RAG, OpenRouter, Groq, Pinecone, Prompt Engineering

Infra & Messaging: Temporal, Kafka, Docker, AWS, Cloudflare, Vercel, Grafana, Git

PROJECTS

VeritasRAG | Next.js, Django, FastAPI, PostgreSQL, pgvector, Redis, Gemini

Code — Demo

- Built a production-grade RAG document Q&A platform across a **3-service architecture** (Next.js, Django, FastAPI) spanning **8 PostgreSQL tables**, delivering grounded, cited answers over PDFs/DOCX/TXT via hybrid pgvector + BM25 retrieval with cross-encoder reranking.
- Engineered a retrieval pipeline embedding **768-dimension** vectors from 512-token chunks, fusing top-20 ANN and BM25 candidates via reciprocal rank fusion and reranking down to the **top 5**, with 3-layer Redis caching cutting cached response latency to **under 5ms**.

Strata | TypeScript, Hono, PostgreSQL, pgvector, Redis, Ollama, Docker, MCP

Code

- Built a local-first memory layer for AI agents exposing **4 MCP tools** (remember, recall, search_by_tag, forget) over MCP and HTTP, serving hybrid retrieval (pgvector HNSW + Postgres full-text, fused via RRF) with **zero data leaving self-hosted infrastructure**.
- Enforced architectural module boundaries with custom lint rules validated across **49 boundary probes**, backed by a durable write path where memories commit before compression so a slow or unreachable model never loses data.

EDUCATION

Jabalpur Engineering College

Bachelor of Technology in Information Technology

Jabalpur, M.P.

Sep. 2023 – May 2027