ASHWIN HINGVE



Full-Stack Engineer / Applied AI

Builds web and cross-platform applications for clients across e-commerce, matrimony and industrial IoT. Owns requirements, architecture, integrations and deployment, with hands-on work in LLM assistants, semantic search and real-time telemetry.

CONTACT

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TECHNICAL SKILLS

Languages

TypeScript, JavaScript
Python, SQL

Frontend

React, Next.js
Tailwind CSS

Backend

Node.js, Express, FastAPI
REST APIs, JWT/OAuth
Role-based access

Data

PostgreSQL, pgvector
MongoDB, Redis, InfluxDB

Applied AI

LLM APIs, tool calling
Embeddings, semantic search
Conversational memory
OpenCV

Mobile and desktop

React Native
Capacitor, Tauri

Infrastructure

Git, Docker, Linux VPS
Nginx, PM2, Vercel, MQTT

AVAILABILITY

Open to remote
and on-site roles

EXPERIENCE

Independent Full-Stack Developer

Dual Mind Labs | May 2026 - Oct 2026

Scope and deliver client applications across frontend, backend, integrations and deployment.

Smart Shaadi

Matrimonial platform | May - Sep 2026 | Pre-launch

- Built profile matching, authentication, chat and payment integrations; dummy data/services remain in use ahead of commercial launch.
- Implemented a streaming AI assistant with conversational memory and read-only tool calling, using a switchable Gemini/Claude provider layer.
- Built semantic profile re-ranking with 768-dimensional pgvector embeddings, chat suggestions and sentiment analysis; six AI features wired end to end.

PMStore and Colonel's Pickle

Live e-commerce websites | PMStore Android app in testing

- Delivered storefronts with authentication, ordering and administration. PMStore adds medicine composition search, prescription upload and catalogue import/export.

Gulaabi Clean

Customer and worker applications | Testing

- Built separate applications for customer bookings and worker service workflows; public launch pending.

Pulse Logic and Marksman

Client demonstration applications

- Pulse Logic: web, Android and desktop applications with an API-based chatbot focused on medical questions.
- Marksman: web and Android applications with a shooting-focused AI coach and OpenCV target-hole detection.

Full-Stack Developer

SpaceAutoTech

Nov 2024 - May 2025; Nov 2025 - Apr 2026

- Developed the final WebSCADA platform with MQTT, Node.js, React and InfluxDB for device telemetry, monitoring dashboards and role-based access.
- Delivered TaptiFS, a live food e-commerce website with Paytm, authentication and order tracking; developed Deployment Corner's hiring and résumé workflows.

WebSCADA: client-owned frontend accessible; backend currently unavailable.