

Harshit Duggal

India Remote

Agentic AI Engineer

github.com/duggal1

[PainiteHQ](#)

[portfolio](#)

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I take products end-to-end across architecture, design, judgment, and execution. Emphasises speed, shipping, and adaptability. Open-source author with 700+ weekly downloads across AI infrastructure packages.

EXPERIENCE	PainiteHQ Founder & AI Engineer 2026 – Present	AI abuse-prevention infrastructure for SaaS companies. Built credit gate , action gate , agent budget guard , and spend attribution engine. Persistent account-risk memory covering signup through provider spend.
	@painitehq/ai-budget Open-Source SDK Author 2026 – Present	AI agent budget enforcement SDK. 100+ live downloads . Cost ceilings, token limits, loop detection, adaptive routing, checkpointing. Supports OpenAI, Anthropic, OpenRouter, LangGraph, LangChain, CrewAI.
	Dark Funnel Engineer 2026 – Present	Revenue intelligence platform. Tracks demo pipeline through attendance verification , ownership assignment , and recovery workflows . Evidence-based CRM reconciliation connecting calendar, ownership, and final revenue outcomes.
	Bixbite Engineer 2026	AI search visibility analytics. Measures share-of-recommendation across ChatGPT, Claude, Gemini, and Perplexity . Competitive displacement tracking and citation attribution for software vendors.
	@painitehq/structured-llm Open-Source SDK Author 2026	Type-safe structured extraction SDK. 230+ weekly downloads . JSON repair, schema validation, type coercion, confidence scoring, escalating retries. Eliminates malformed-output failures in production LLM applications.
EDUCATION	Accurate University B.E. Information Technology 2022 – 2026	Bachelor of Engineering · Information Technology
SKILLS	AI / LLM	LLMs,RAG,Prompt Engineering,Agentic Systems,Model Orchestration,Vector Search, LLM Evaluation, LangGraph,LangChain (TypeScript SDK)
	Frontend	Next.js,React,TypeScript,Tailwind CSS,Zustand,TanStack Query,GSAP
	Backend	Next.js Server Actions,Inngest,oRPC,Bun
	Data	PostgreSQL,Neon,Drizzle ORM,Prisma,Qdrant
	Auth & Pay	BetterAuth,Clerk,Stripe,Paddle,Dodo Payments
	Infrastructure	AWS,GCP,Cloudflare,Vercel,Docker