

Sujal Singh

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PROFESSIONAL SUMMARY

AI Engineer with 1 year of experience shipping production LLM systems end-to-end. Built real-time voice AI agents (**Twilio**, **Vapi**) handling live calls at sub-second latency, **RAG** pipelines (**LangChain**, vector databases) serving grounded answers, and local LLM deployments. Full-stack across **React**, **Next.js**, **Node.js**, and **Python/FastAPI** — owns features from prompt to production.

EXPERIENCE

Full-Stack / AI Engineer

Jul 2025 – Present

Kinetic Codes

Remote

• Client: **PrismaVoices** (AI Voice SaaS)

Jan 2026 – Present

- * Architected real-time AI voice agents on **Twilio** and **Vapi** that answer inbound calls, qualify leads, and autonomously book appointments at sub-second latency, with **Google Calendar**, **Calendly**, and **HubSpot** synced in real time — fully unattended customer interaction.
- * Designed a serverless, event-driven backend on **Node.js** (**Vercel Functions**), flushing batched events asynchronously to **Supabase** to keep the critical path non-blocking under load.
- * Spearheaded a migration from a low-code prototype (n8n) to a scalable **Node.js/MongoDB** architecture, reducing API latency by 40% and hardening system reliability.

• Client: **EpochLag** (Social Media App)

Oct 2025 – Jan 2026

- * Built a high-converting marketing and launch site using **Next.js**, **React**, and **Tailwind CSS**, optimized for performance and SEO.
- * Engineered responsive, conversion-focused layouts with app-store CTAs and integrated analytics to track acquisition funnels across devices.

• Client: **1000 Treks** (Adventure Travel)

Jul 2025 – Oct 2025

- * Built a booking engine with **Stripe** multi-currency payments and **JavaScript** validation for visa and passport data with 100% accuracy in traveler data collection.

PROJECTS

AI Portfolio + RAG Assistant “Imli” | *Next.js, Supabase pgvector, OpenAI, LangChain, Vercel AI SDK*

- Built a **Next.js** portfolio with an embedded **RAG** assistant answering recruiter questions from a curated knowledge base (streaming via **Vercel AI SDK**), with **tool-calling** that delivers visitor messages over **Telegram** in real time — turning the site into a live lead channel.

Privacy-First Psychoanalysis AI | *Ollama, Llama 3, FastAPI, Streamlit*

- Built an offline-first therapeutic AI running **Llama 3** locally via **Ollama** for zero data leakage, with a decoupled architecture using **FastAPI** inference queues and a **Streamlit** UI.

TECHNICAL SKILLS

AI/ML: RAG, LLM application development, AI agents, agentic systems, LangChain, OpenAI API, vector databases (pgvector), local LLMs (Ollama, Llama 3), prompt engineering, voice AI

Languages: Python, JavaScript, TypeScript, SQL, Java, HTML/CSS

CS Foundations: Data Structures & Algorithms, Object-Oriented Programming

Full-Stack: Node.js, Express, FastAPI, REST APIs, serverless, event-driven architecture, React, Next.js, React Native, Tailwind CSS

Data, Cloud & Tools: MongoDB, PostgreSQL, Supabase, AWS, Vercel, Docker, Git, CI/CD, Twilio, Vapi, Stripe, n8n

EDUCATION

United University

Prayagraj, UP

Bachelor of Computer Applications (BCA)

May 2025

CERTIFICATIONS

Machine Learning with Python (Cognitive Class, 2025) | Introduction to Artificial Intelligence, Python for Data Science (IBM SkillsBuild, 2024)