

Vasudev Siddh

AI engineer · Voice agents and LLM systems

India / siddhvasudev1402@gmail.com

siddhvasudev.com / github.com/vasu-devs / linkedin.com/in/vasu-devs

AI engineer who builds production voice agents and LLM systems, from prototype to tested release. Creator of JustHireMe (2,249★ open source).

EXPERIENCE

AI Engineering Intern / withlayer.ai

Jun 2026 → Present

- I work on real-time voice AI (WebRTC, LiveKit, speech-to-text and text-to-speech, latency, interruptions), LLM agent workflows and their reliability (tool calling, grounding, evals, regression tests), and full-stack features (Python, TypeScript, React, Next.js, PostgreSQL).

AI & Full-Stack Engineer (contract) / Confidential client

2026 → Present

- Rebuilt an AI assistant backend and took it to production; eval pass rate 32/54 → 52/54.
- Time to first results 72–122 s → under 10 s.
- Search 10.6 s → 53 ms.
- Built a multi-million-vector retrieval index answering in ~15–21 ms; owned releases end to end.

Full-stack Engineer / Freelance · Confidential client

Mar → Apr 2026

- Fintech P&L platform built solo in 18 days.
- Connected 5 payment/commerce integrations.
- ~4,500× faster attribution.
- 641 orphaned orders recovered.

SELECTED PROJECTS

JustHireMe / Creator / Open source

Tauri / Rust / React / Python / FastAPI

- 2,249★ open source; desktop app for job discovery and tailored applications.
- 380K-view launch.
- 620 backend tests.
- 102 releases.

Svara / Creator / On-device dictation

Python / faster-whisper / SQLite

- Fully on-device; 8.33% WER on CPU.
- 754 ms to first word.

Fintech platform / Confidential client

TypeScript / React / PostgreSQL

- Built solo in 18 days; end-to-end delivery.

Odeon / Solo build / Agent evaluation

Python / FastAPI / WebSockets / React / SQLite

- Built a tool with Python, FastAPI, and React that tests an AI agent with difficult simulated conversations, has an LLM grade its behavior, and rewrites its prompt until the scores pass.

TECHNICAL SKILLS

Languages & applications: Python, TypeScript, JavaScript, SQL, React, Next.js, FastAPI, Node.js

AI & data: Machine learning, large language models (LLMs), retrieval-augmented generation (RAG), LangGraph, embeddings, vector search, voice AI, PostgreSQL, MongoDB

Engineering: Docker, AWS, GitHub Actions, CI/CD, automated testing, AI evaluations, Git, REST APIs

EDUCATION & RECOGNITION

Bachelor of Technology (B.Tech), Computer Science & Engineering

Lovely Professional University, Punjab / 2023 - 2027 (expected) / Computer Science & Engineering

8 merged PRs, including one into a 275k★ repo.