

SAJU BABU

+91 62823 55292 | iamsajubabu@gmail.com | linkedin.com/in/itssaju | github.com/iam-saju

SUMMARY

AI and Backend Engineer specializing in FastAPI, Voice AI, LLM-powered applications, and scalable backend systems. Built and deployed production-ready AI products including multilingual voice agents for Indian SMBs, a real-time GPU marketplace, and a Telegram cloud storage platform.

WORK EXPERIENCE

Evolve Robotics

May 2025 – June 2025

Applied AI Intern

Kochi, Kerala

- Researched deep learning approaches for stock market prediction, comparing Temporal Fusion Transformer (TFT) and LSTM architectures on time-series financial data
- Evaluated model performance across multiple forecasting horizons; analysed attention mechanisms in TFT for interpretability of multi-step predictions

EDUCATION

Rajagiri School of Engineering and Technology

July 2023 – Present

B.Tech in Artificial Intelligence and Data Science | Current CGPA: 7.59

Relevant Coursework: Machine Learning, Data Structures and Algorithms, Database Systems, Operating Systems, Computer Networks

PROJECTS

Buoyancy Labs — AI Voice and WhatsApp Agent Platform

buoyancy.in

Founder

Tech: FastAPI · Next.js · TypeScript · Sarvam AI · Meta WhatsApp Cloud API · Twilio · LiveKit · Pipecat · Redis

- Multilingual AI agent platform for Indian SMBs with native code-switched language support (Hinglish, Tanglish, Manglish) handled at the LLM layer
- Multi-provider LLM router with automatic fallback across 3 models (Sarvam 30B, Qwen Flash, Gemini Flash) balancing cost, latency, and language quality
- Hybrid fast-ACK async messaging on WhatsApp; WebSocket voice pipeline via Twilio/LiveKit SIP trunk and Pipecat
- End-to-end customer onboarding flow: intake form → Airtable CRM → WhatsApp deep link

Market01 — GPU Rental Marketplace

market01.tech

Tech: Node.js · Express.js · Vue.js · MongoDB · Redis · Supabase · Tailwind CSS

- GPU rental marketplace aggregating instances across multiple cloud providers with real-time pricing comparison
- Redis caching layer reducing average API response latency by ~60%; filter and comparison UI in Vue.js

Qubit — Telegram Cloud Storage Bot

qubit.up.railway.app

Tech: Python · Django · Vue.js · Railway

- Bot that converts Telegram into a cloud storage system — users upload, fetch, and organize files via chat
- Django backend handling file metadata, retrieval, and Telegram webhook events; Vue.js frontend for file management

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Java, C

Backend: FastAPI, Node.js, Express.js, Django, WebSockets, REST API, Async Programming

Frontend: Next.js, React, Vue.js, Tailwind CSS

Databases: MongoDB, Redis, Supabase, SQL

Cloud & Infra: Docker, AWS (basic), Render, Railway, Netlify, CI/CD (basic)

Tools & APIs: Twilio, LiveKit, Meta WhatsApp Cloud API, Pipecat, Airtable, Git, GitHub

HONORS AND RECOGNITION

The Residency — Delta Cohort

2025

Inducted into a selective global cohort for ambitious builders and founders. Backed by a16z; alumni include founders backed by Founders Fund, Bain Capital Ventures, and Felicis. Selected from 10,000+ applicants worldwide.

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification

Credential ID: HRPMWDSRAF9K

DeepLearning.AI / Stanford — Coursera

coursera.org/share/31adb7cfbb7e3eda13b89e6ccb9fc73