

SANGRAMJEET GHOSH

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SUMMARY

AI & Full-Stack Engineer with production experience shipping SaaS platforms, autonomous AI systems, and automation pipelines. Launched Neuroviai - a live multi-provider LLM SaaS - and built Sebastian, an autonomous assistant with 59+ tools, real-time voice, OS control, and 110+ API integrations. Strong in FastAPI, LangGraph, PostgreSQL, React, and Docker. Seeking roles to build impactful technology at scale.

SKILLS

Languages	Python, TypeScript, JavaScript, SQL, Bash
AI / ML	LangGraph, LangChain, Gemini API, OpenAI, Groq, RAG Pipelines, pgvector, Prompt Engineering, Multi-Agent Systems
Backend	FastAPI, REST APIs, WebSockets, JWT/OAuth 2.0, Webhooks, Microservices, Async Python
Frontend	React 18, Next.js 14, Tailwind CSS, Zustand, ShadCN/UI, Vite
Databases	PostgreSQL, Supabase, pgvector, Redis, SQLAlchemy
DevOps	Docker, GitHub Actions CI/CD, AWS (EC2, S3, IAM), Render, Netlify, Nginx, FFmpeg

EXPERIENCE

Freelance AI & Full-Stack Developer	<i>Aug 2025 – Present</i>	<i>Remote</i>
- Delivered end-to-end SaaS MVPs for 3+ startup founders: architecture, development, deployment, and handoff docs. - Built subscription billing (Razorpay), JWT/OAuth RBAC, multi-platform API integrations, and LLM cost optimization via quota splitting and response caching.		

Data Science Intern — Inikola Technologies, Hyderabad	<i>Mar 2025 – Dec 2025</i>
- Built FastAPI NLP pipelines (sentiment scoring, topic extraction) for CraftingBrain, a live content platform. - Managed AWS infrastructure (EC2, S3, IAM, Nginx), containerized services with Docker, and deployed CI/CD with GitHub Actions.	

PROJECTS

Neuroviai — AI Social Media Automation SaaS	<i>Mar 2025 – Present</i>	<i>neuroviai.dev</i>
<i>Next.js 14, FastAPI, PostgreSQL, Supabase, Gemini, OpenAI, Razorpay, Docker</i>		
- Architected a 4-tier LLM cascade (Gemini → GROQ → HuggingFace) achieving 99.7% generation reliability; autonomous engine posts across 5 platforms daily with 90% cost reduction. - Integrated 8+ APIs (LinkedIn, Twitter/X, Razorpay, Supabase Auth) with OAuth flows, webhook listeners, and rate-limit handling; deployed as 4 microservices with GitHub Actions CI/CD and token-economy billing.		

Sebastian — Autonomous AI Personal Assistant	<i>Jan 2026 – Present</i>
<i>Python, FastAPI, PostgreSQL, pgvector, Gemini Live, Groq, Playwright, Edge TTS</i>	
- Built a 10-phase autonomous assistant with 59+ tools: OS & browser control, Gemini Live audio streaming, screen/camera vision, and 110+ external API integrations. - Designed multi-layer memory (episodic, semantic, behavioral) with pgvector cosine search + time-decay; 3-tier safety gate (GREEN/YELLOW/RED) with audit logging and a Discord voice bridge via py-cord.	

AI YouTube Shorts Automation Pipeline	<i>Jan 2026 – Present</i>	<i>GitHub</i>
<i>Python, Ollama (local LLM), FFmpeg, edge-tts, Pexels API, YouTube Data API v3</i>		
- End-to-end pipeline: trend scraping (Reddit, HN) → LLM scripting → voiceover → FFmpeg video assembly → YouTube upload; Task Scheduler enables unattended daily posting. - Multi-channel mode generates 4+ videos per batch; script quality scorer filters low-confidence outputs before production.		

Autonomous AI Job Application Agent	<i>May 2026 – Present</i>	<i>GitHub</i>
<i>Python, FastAPI, Playwright, PostgreSQL, LangGraph, Gemini, Groq</i>		
- Built an autonomous AI agent that discovers, filters, and applies to jobs across LinkedIn, Wellfound, Indeed, RemoteOK, and Adzuna using browser automation, LLM-based job matching, and configurable application workflows. - Successfully completed 460+ automated job applications in a single campaign without crashes, featuring duplicate detection, rate-limit handling, Chrome CDP integration, human-review checkpoints, and application tracking. The system has already led to recruiter outreach and interview calls.		

EDUCATION

B.Tech in Computer Science & Engineering (AI & ML)	<i>July 2026</i>
Malla Reddy University, Hyderabad	GPA: 8.0 / 10.0