

# Sangramjeet Ghosh

Hyderabad, Telangana, India

☎ +91 9059150937 • ✉ sangramjeet47@gmail.com • 🔗 linkedin.com/in/sangramjeetghosh  
📁 github.com/JeetInTech • 🌐 sangramjeet.me • 📱 neuroviai.com

## SUMMARY

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Full Stack Developer specializing in scalable, high-availability architectures. Built and deployed a distributed AI SaaS serving 50+ daily users with 99.5% reliability using Python (FastAPI) and Next.js. Expert in designing zero-cost infrastructure, multi-model AI fallback systems, and algorithmic payment engines. Proven track record of driving organic growth (1.46K+ impressions, 6.9% CTR) through technical SEO and performance engineering.

## TECHNICAL SKILLS

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**Frontend:** React 18, Next.js 14 (Static Export), TypeScript, Tailwind CSS, Zustand, Framer Motion

**Backend:** Python, FastAPI, Flask, PostgreSQL (Supabase), Redis, SQLAlchemy, OAuth 2.0

**AI & Automation:** Gemini Pro, GROQ, HuggingFace, Prompt Engineering, Multi-Agent Systems

**DevOps & Cloud:** Docker, CI/CD, AWS, Render, Netlify, Nginx, Serverless Architecture

**Tools:** Razorpay (Payments), Capacitor (Mobile), Git, Postman, Linux

## PROJECT EXPERIENCE

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### Neuroviai – Full Stack Social Media Automation SaaS

neuroviai.com

*Tech Stack: Next.js 14, FastAPI, PostgreSQL, Supabase, Razorpay, Gemini AI, Docker*

- **Microservices Architecture:** Architected a distributed platform with 6 independent **FastAPI** microservices, utilizing a **4-tier AI fallback system** (Gemini → GROQ → HF) that achieved **99.5% content generation reliability**.
- **High-Performance Frontend:** Engineered a custom “ServerWarmer” pattern and **Next.js static export** architecture, driving **1.46K+ organic search impressions** with a **6.9% CTR** while mitigating cold-start latency on free-tier infrastructure.
- **Algorithmic Payments:** Implemented a secure token economy and **4-phase discount cycling engine** using **Razorpay** and **PostgreSQL**, handling transactions via **JWT** and **OAuth 2.0** for both web and Android Capacitor clients.
- **Autonomous Engine:** Built a zero-touch automation layer capable of daily posting across 5 platforms (LinkedIn, Twitter, etc.) with a **6-tier image generation pipeline**, reducing operational costs by 90%.

### Online Resume Builder – Full Stack Web Application

github.com/JeetInTech/Neuroviai-Careers

*Tech Stack: React, Node.js, PostgreSQL*

- Designed a full-stack resume builder featuring structured data modeling and real-time validation.
- Implemented relational schemas to support multi-section persistence and template rendering engines.
- Optimized frontend state management using React hooks to ensure smooth user interactions.

## PROFESSIONAL EXPERIENCE

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### Freelance Full Stack Developer

Aug 2025

- Delivered production-grade web applications using **React**, **FastAPI**, and **PostgreSQL** for diverse automation use cases.
- Designed secure REST APIs with structured Pydantic validation and robust authentication flows.
- Managed end-to-end deployments using **Docker** and CI/CD workflows across cloud platforms.

### Data Science Intern – Inikola Technologies

Mar 2025

- Developed and optimized backend APIs using **Python** and **AWS**, integrating AI-driven features into production.
- Built structured data pipelines for preprocessing, validation, and seamless model integration.
- Collaborated with cross-functional teams to ship scalable modules adhering to clean architecture principles.

## EDUCATION

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### B.Tech in CSE - Artificial Intelligence and Machine Learning

Expected 2026

Malla Reddy University, Hyderabad

**GPA: 8.0**