SANGRAMJEET GHOSH

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PROFESSIONAL OBJECTIVE

Backend Engineer with a strong foundation in Python and cloud-based solutions, currently transitioning from data science roles. Experienced in designing scalable data pipelines and integrating machine learning models with cloud platforms. Skilled in optimizing backend processes and automating workflows to enhance system efficiency. Eager to leverage technical expertise to develop robust backend systems and contribute to innovative engineering projects.

EDUCATION

Malla Reddy University   **2025**
Bachelor of Technology (B.Tech), Artificial Intelligence & Machine Learning (GPA: 7.88/10)

EXPERIENCE

Inikola Technologies   **Mar 2025 - Present**
Data Science Intern
- Developed AI platforms and automated machine learning systems for business applications, enhancing operational efficiency
- Implemented advanced NLP and Transformer architectures for real-time text processing, resulting in faster and more accurate text analysis
- Designed scalable data pipelines integrating ML models with cloud-based solutions, facilitating seamless data flow and model deployment

Freelance Data Scientist & AI Developer | Remote   **Nov 2024 - Present**
Freelancer   *Hyderabad*
- Delivered custom AI and data automation solutions for startups and clients across healthcare, education, and business analytics, enhancing operational efficiency and decision-making processes
- Built and deployed LLM-powered chatbots, RAG-based retrieval systems, and data-driven dashboards for client-specific use cases, leading to improved user engagement and data accessibility
- Created automated ML workflows and predictive models that improved client decision-making efficiency, resulting in faster and more accurate business insights
- Optimized data pipelines, improved feature engineering processes, and integrated end-to-end AI automation using LangChain, Python, and FastAPI, which enhanced data processing speed and accuracy

TECHNICAL PROJECTS

Neuroviai – AI Platform for Automation | FastAPI, PostgreSQL, LangChain, Transformers | https://neuroviai.com/
Neuroviai Technologies Private Limited
- Built an AI-powered automation platform that integrates multi-agent LLM systems for end-to-end social media management.
- Implemented SEO and data optimization strategies achieving top 10 Google search rankings.
- Automated content creation, scheduling, and engagement workflows using Retrieval-Augmented Generation (RAG) and LangGraph pipelines.
- Integrated APIs and developer portals (LinkedIn, Instagram, Twitter/X) for dynamic content publishing, analytics retrieval, and trend-driven post generation.

Agentic AI for Personalized Mental Health Therapy Recommendations   **Sep 2025 - Oct 2025**
- Developed an AI-powered personalized therapy chatbot utilizing multi-modal data (text, voice, video) for emotion and behavior analysis
- Integrated LLM-based conversational flow and speech-to-text systems for mental health diagnostics and recommendation generation.
- Built adaptive pipelines for sentiment tracking, affect recognition, and visual emotion cues using deep learning models.

IntelliSense Data Analytics Platform | Python, AutoML, Pandas   **Apr 2025 - Jun 2025**
- Engineered an intelligent data analytics system capable of processing datasets from a few rows to millions of records.
- Automated the complete analyst workflow including data ingestion, cleaning, outlier removal, feature transformation, and trend extraction.
- Integrated AutoML-based insights generation and advanced visualization dashboards for real-time exploratory data analysis.
- Reduced manual analytics effort from days to minutes by enabling one-click data upload, summary generation, and visualization rendering.

TECHNICAL SKILLS

- **Programming:** Python, SQL, JavaScript
- **AI & ML:** Transformers, AutoML, NLP, Deep Learning, BERT, Large Language Models, RAG, MLOps
- **Data Tools:** Pandas, NumPy, Matplotlib, Scikit-learn, Seaborn
- **DevOps & Cloud:** AWS, Docker, Git, Google Analytics, API Integration, CI/CD Pipelines