

# Debabrata Das

+91 9957085950 | debodas1333@gmail.com | [Github](#) | [LinkedIn](#)

## PROFESSIONAL SUMMARY

---

AI-focused data professional with experience building **LLM-powered applications, RAG pipelines, and AI-driven data systems**. Skilled in **prompt engineering, vector embeddings, and backend development**, with a proven ability to transform unstructured data into scalable solutions.

## TECHNICAL SKILLS

---

**Programming:** Python, SQL

**AI/ML:** LLMs (Claude, LLaMA, Mistral), Prompt Engineering, RAG, Vector Embeddings

**Data:** Data Pipelines, ETL, Data Cleaning & Preprocessing, EDA

**Cloud & Backend:** AWS Bedrock, S3, Vector Databases, FastAPI

**NLP & Extraction:** Information Extraction, Unstructured Data Processing, OCR + LLM

## PROFESSIONAL EXPERIENCE

---

**FACCTUM — Data Analyst (AI/ML Product)**

Feb 2024 – Present

*Bengaluru, India*

- Built **LLM-powered extraction pipelines** for unstructured data, improving efficiency by **40–60%**.
- Developed **end-to-end AI workflows** (ingestion → prompt design → validation), reducing manual effort by **~50%**.
- Engineered robust extraction strategies for diverse formats, improving consistency across datasets.
- Designed **prompt engineering strategies** (few-shot, chain-of-thought) to reduce hallucinations, improving accuracy by **20–30%**.
- Built **Python automation tools using AWS Bedrock (Claude, Mistral)** for scalable document processing.
- Building an **OCR + LLM pipeline** combining document parsing with AI-based structured data extraction.

**ZIGRAM — Analyst**

Jun 2023 – Feb 2024

*Gurugram, India*

- Built data cleaning pipelines, achieving **99% data accuracy**.
- Improved data accessibility, increasing efficiency by **30%**.
- Streamlined workflows for faster reporting and analytics.

## PROJECTS

---

**AI Blog Generator – LLM + RAG System**

- Built an **LLM-powered blog generation platform** using AWS Bedrock, embeddings, and FastAPI.
- Developed **data ingestion and embedding pipelines** for context-aware, SEO-optimized content.
- Implemented **prompt templates and keyword scoring** for consistent, brand-aligned output.
- Built backend workflows for **real-time content generation and refinement**.
- **Impact:** Reduced blog creation time by **80%**.

**LocalMind – Local LLM Interface for Private AI Usage**

[GitHub](#)

- Built a **web-based interface for locally hosted LLMs**, enabling **privacy-preserving AI usage** without external APIs.
- Designed backend workflows in Python for **model interaction, prompt processing, and response generation**.
- Developed a **user-friendly interface** to make local LLMs accessible for a broader set of users.
- Built a **modular architecture** supporting multiple open-source models and inference backends.
- Continuously improving the system with features for better **usability, extensibility, and real-world adoption**.

## EDUCATION

---

**Bachelor of Science (Physics)**

Aug 2019 – Sept 2022

Assam University, Silchar, India