

DEBASHISH THAKUR

Bangalore, India · +91-9365843392 · [Gmail](#) · [GitHub](#) · [LinkedIn](#)

SKILLS

Languages: Python, C++, SQL

Frameworks: Django, Flask, LangChain, FastAPI, PyTorch, TensorFlow

AI/ML: Transformers (BERT, GPT), Natural Language Processing (NLP), (LLMs), LLM Agents, Retrieval-Augmented Generation (RAG), Vector Databases (Pinecone)

Model Integration: MCP (Model Context Protocol), OpenAI/Anthropic APIs, ComfyUI (for Diffusion), n8n, Hugging Face Transformers, Prompt Engineering

Tools: Git, GitHub, Jupyter Notebook, MySQL, AWS, GCP, VS Code, Cursor, Claude Code

EXPERIENCE

BlueBear AI

Founding AI/LLM Engineer

Jan 2026 – Present

- **Leading development of production-grade LLM agents** for B2B use cases, building and implementing **MCPs** and structured output pipelines.
- **Orchestrated multi-agent workflows** for complex B2B automation tasks, coordinating task delegation and execution across agents
- Applied **prompt engineering** to improve agent output accuracy and consistency
- Implemented **security guardrails — skill- and rule-based access controls — to constrain agent behavior** and prevent unauthorized actions

Ayna AI · Bangalore

Founding ML Engineer

August 2024 – Jan 2026

- **Architected and deployed LLM/VLM analytics framework** processing 10K+ workflow outputs (text and images), identifying **70+** edge cases, directly reducing error rates by 18%
- **Architected ComfyUI-based image generation pipeline serving 3K+ daily requests**, reducing inferencing time by **40%** and **cutting infrastructure costs by 30%** through workflow optimization.
- Led **MCP servers** adoption for enterprise LLMs, **automating 3 tech workflows and enabling faster knowledge retrieval** across teams by connecting to Claude.
- **Engineered dataset pipeline** for training **multiclass segmentation model on 50K+ images**, refining image dataset by inferencing vision models **for improved accuracy**.

Inspiron Info Inc · Hyderabad

Machine Learning Engineer

November 2023 – Aug 2024

- **Designed and validated movie revenue forecasting model** (scikit-learn), achieving **87% prediction accuracy**—improving baseline by 12%.
- Engineered a text-to-SQL engine powered by **LLMs**, enabling natural language database queries and visualization using **Matplotlib, Plotly, and Seaborn**.
- Contributed in design and training LSTM-based deep learning models from scratch to convert natural language to SQL queries.

PROJECTS

Lekhakai — Chrome Extension for Multi-LLM Inference · github.com/debashishthakur/lekhak-extension

- Launched Lekhakai Chrome extension with **100+ active users**, enabling seamless multi-LLM inference and reducing content creation time by **60%**. Launched on Chrome Web Store and accessible via Lekhakai

The Prompt Craft — AI Prompt Intelligence Platform · github.com/debashishthakur/the-prompt-craft

- Building Prompt Craft platform benchmarking approx **6000 AI model prompts** scraped from reddit. Powered by **vector embeddings** for semantic search; Accessible via the-prompt-craft.

EDUCATION

Bachelor of Technology — Computer Science and Engineering

July 2019 – August 2023

Assam Engineering College, Guwahati · Assam, India

ACHIEVEMENTS

- **Smart India Hackathon '22 Finalist** (top 5); led team of 5, built real-time analysis tool for hackathon judges.
- **Won inter-college robotics competition** by architecting obstacle-avoiding autonomous robot; beat 20+ teams
- **Coding Club Secretary**; organized 10+ tech events attended by 200+ students, increasing club participation.