KABIR MANIAR

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WORK EXPERIENCE

Data Scientist (AI) Intern — Sept 2024 – Present
International Funds for Agricultural Development - IOE
Building AI solutions for IFAD's IOE to help in evaluations and auditing.

Machine Learning Researcher and Software Developer — Mar 2024 – Sept 2024
Maniar Technologies Pvt. Ltd.
As a research lead, I thrive in collaborative environments. I lead groundbreaking projects like DocumentorAI and TajMahal AI, wielding the power of GenAI and AI architectures. Together with my team, we push the frontiers of technology.

Consultant Software Development — Aug 2021 – Mar 2024
Maniar Technologies Pvt. Ltd.
During the early days of my career at ManiarTech, I explored new technologies and collaborated with cross-functional teams to implement innovative solutions, gaining foundational skills in tech and teamwork.

PROJECTS

Documentor.AI — Python, GenAI, ML
Documentor.ai is an advanced AI-powered document generation and management system designed to assist businesses and individuals in creating and managing documents using Generative AI. I led research initiatives and developed proof-of-concepts (PoCs) for AI functionalities and taking it to production, facilitating the generation of comprehensive and precise documents with minimal user intervention.

Taj Mahal AI — Python, GenAI, ML
TajMahal is an AI-powered static site generator designed to create performant and beautiful static sites using AI models. I played a key role in integrating AI capabilities within the TajMahal framework, enhancing the content generation process to enable users to effortlessly create beautiful, content-rich websites using simple prompts.

Multiple Research and Proof of Concepts
Worked on multiple proof-of-concepts for AI-based projects, including Retrieval-Augmented Generation (RAG), agentic workflows, and advanced prompt engineering. I have developed React components, MongoDB migration tools, Next.js projects, and various other software solutions.

X – Expression Evaluator — Golang
Contributed to the development of an extensive suite of Excel function replicas for X, an expression evaluator in Golang, as part of Processious, a no-code/low-code process automation platform, to enhance its Business Rule Engine (BRE) for business automation.

SKILLS

Data Science	LLMs, Machine Learning, RAG, Prompt Engineering
Languages	Python, Golang, JavaScript, TypeScript, Dart, SQL
Frameworks	Vue, Flask, ReactJS, NextJS, Flutter, TailwindCSS
Libraries	NumPy, Pandas, Scikit-Learn, Matplotlib
Databases	SQLite, VectorDB, Redis
DevTools	Docker, Git, Ollama, VSCode

EDUCATION

BS in Data Science and Application — 2022 - 2026
IIT Madaras — Chennai, Tamil Nadu

Diploma in Computer Engineering — 2019 - 2022
Thakur Polytechnic — Mumbai, Maharashtra