

KABIR MANIAR

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WORK EXPERIENCE

Machine Learning Researcher and Software Developer

Mar 2024 – Present

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 Proccessious, 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

ACHIEVEMENTS

Best Project in Modern Application Development 1 - IIT Madras

[Certificate](#)

Built Audify, a music streaming app, using Vue, Flask, SQLite3, Redis, Docker, Cronjobs.