

Vaishnavi Jaiswal

AI / PROMPT ENGINEER & UI/UX DESIGNER

CONTACT

vaishnavijaiswal.work@gmail.com
+91 8353945347
Lucknow, India
vaishnavijaiswal.dev
github.com/vaishnavijaiswalwork-hub
linkedin.com/in/vaishnavi-jaiswal-98956b3a7

AI / PROMPT ENGINEERING

OpenAI & Gemini APIs Ollama
RAG · Qdrant LangGraph/LangChain
FastAPI mem0 · Neo4j · MongoDB

PROGRAMMING

Python HTML/CSS/JS
React (basics) C (basics)

DESIGN

Figma Canva Photoshop
Branding Typography

EDUCATION

B.Tech, Computer Science
Uttranchal University, Dehradun · 2026–29

Class 12 (Science)
Lucknow Public School · 2024–25 · 81.2%

Class 10
Lucknow Public School · 2022–23 · 87.8%

LANGUAGES

English — Fluent
Hindi — Fluent

PROFILE

Detail-oriented developer and designer building practical AI applications — RAG pipelines, autonomous agents, and conversational systems with persistent memory — alongside clean, user-centered UI/UX and brand design. Experience as an embedded forward-deployed engineer bridging client needs with design and technical execution on a live product (PressHop, 55K+ users). Comfortable across the stack: prompting/orchestrating LLMs (OpenAI, Gemini, local models via Ollama) and designing the interfaces that put them in front of users. Currently pursuing B.Tech in Computer Science.

EXPERIENCE

UI/UX Designer & Forward Deployed Engineer — Difmo Pvt. Ltd. (PressHop project)

Feb 2026 – Mar 2026
Embedded, client-facing role on PressHop — a people-powered news content platform (55K+ users, UK/USA/India)

- Bridged the client's product needs with both design and technical execution, gathering requirements directly from the product team and translating them into design specs and technical tasks via continuous feedback loops.
- Configured, integrated, and supported the product on the ground — hands-on technical troubleshooting, bug triage, and build testing.
- Bridged design-to-dev handoff, working with developers to ship Figma/Canva designs (wireframes, prototypes, UI) faithfully into the live product.
- Designed supporting visual assets — app screens, onboarding/marketing creatives ("Meet the Makers" screen), and branding elements.

FEATURED AI PROJECTS

RAG Document Q&A Pipeline

PDF ingestion → chunking → OpenAI embeddings → Qdrant vector search for grounded Q&A.

Python · LangChain · OpenAI · Qdrant

Tool-Calling AI Agent

Start→plan→action→observe loop; selects/executes tools with strict structured JSON output.

Python · OpenAI · Pydantic

Memory-Aware Chatbot

mem0 + Neo4j + Qdrant for persistent, personalized conversational memory.

mem0 · Neo4j · Qdrant · OpenAI

Stateful Chatbot (LangGraph)

Graph-based agent with query routing and MongoDB-backed conversation state.

LangGraph · LangChain · MongoDB

Local LLM API Server

FastAPI wrapper serving Ollama/Gemma 3 for self-hosted chat completions.

FastAPI · Ollama

Voice Assistant

Speech-recognition prototype for hands-free AI interaction.

Python · SpeechRecognition

FEATURED DESIGN PROJECTS

ITBD University — Learning Dashboard (UI/UX Case Study)

Full dashboard UI: sidebar navigation, course cards, progress tracking, leaderboard, and an embedded AI chat widget — Figma

Personal Portfolio — vaishnavijaiswal.dev

Designed & built from scratch (HTML/CSS/JS), with an integrated contact form and live AI/design project showcase