

Ibad Ur Rehman

AI Developer (LLMs, RAG & Agentic Systems)

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Portfolio: <https://ibadurrehman.vercel.app>

Professional Summary

AI Developer with hands-on experience building LLM-powered applications, agentic workflows, and Retrieval-Augmented Generation (RAG) systems. Skilled in designing context-aware AI solutions using OpenAI Agents SDK, FastAPI, and Next.js, with a strong focus on integrating external tools and APIs into intelligent workflows. Experienced in developing autonomous AI agents capable of planning, reasoning, and executing multi-step tasks in production environments.

Skills

- **AI & LLMs:** LLMs, OpenAI Agents SDK, Agentic Workflows, Multi-step Reasoning, Tool Calling
- **RAG & Context:** RAG, Context Grounding, Document-based AI
- **AI Integrations:** API Integration, External Tools, Workflow Automation
- **Backend & APIs:** Python, FastAPI, Node.js, Express.js
- **Databases:** MongoDB, PostgreSQL
- **Frontend:** React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML, CSS
- **Tools:** Git, GitHub, Vercel, Postman
- **Core Strengths:** Problem-Solving, Debugging, Analytical Thinking, Self-Learning

Projects

Aura Task — AI-Powered Todo App

Built a full-stack AI todo application using Next.js, MongoDB, and OpenAI Agents SDK with natural language task management.

Aura One — E-Commerce Platform (Client)

Developed a production-ready e-commerce website using Next.js, Tailwind CSS, and Sanity CMS.

Solar Load Calculator & Recommendation System (Client)

Built a full-stack platform to calculate power load and recommend solar products with an admin dashboard.

Physical AI & Humanoid Robotics — AI Book

Created a spec-driven AI book with a RAG-powered chatbot using OpenAI Agents SDK.

Experience

AI-Focused Full Stack Developer – Self Projects

Feb 2024 – Present

- Delivered full-stack and frontend solutions for clients and personal projects
- Built production-ready web applications using React, Next.js, Node.js, and FastAPI
- Integrated AI-powered features using RAG systems and agentic workflows
- Designed scalable APIs and admin dashboards for real-world use cases
- Followed spec-driven development and clean architecture principles

Education

BSCS (Bachelor in Computer Science)

2025 – Ongoing

Virtual University of Pakistan

Intermediate in Commerce

2022 – 2024

Govt. Degree College, Gulshan-e-Iqbal Block 7, Karachi

Certifications / Training

Web Development & Agentic AI – GIAIC

2024 – Ongoing

Governor Sindh IT Initiative for Artificial Intelligence, Web 3.0 & Metaverse