Ijlal Ishaq

voirlabs.io

Production AI & backend systems, Voir Labs

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Builds production AI: agents that act on real systems, retrieval and RAG, voice, and natural-language interfaces over company data.

Senior AI engineer leading AI products at Voir Labs: LLM integrations, agents, RAG and voice. Five years building production systems, including the backend and data systems for real-time trading.

Experience

Nov 2024 to now

Senior AI engineer · Voir Labs

Leads AI products end to end, from the agent design to the backend that runs it.

- Builds AI agents and automated workflows for data analysis and real-world actions, with guardrails in code.
- Builds the backend services behind AI pipelines, analytics and integrations.
- Writes Voir Labs Insights: each article takes a piece of AI news, builds the fix and runs it on sample data.

Nov 2021 to Jan 2025

AI & full-stack engineer · Xord

AI interfaces over large, fast-moving datasets.

- Built natural-language interfaces that let users ask questions of blockchain data in plain English.
- Worked on AI systems that analyse activity data and surface insights automatically.
- Built backend services and APIs for analytics, trading tools and data-intelligence platforms.

Nov 2021 to May 2024

Blockchain & full-stack engineer · Xord Solutions

Financial platforms, smart contracts and the data pipelines behind them.

- Built smart contracts, backend APIs and full-stack interfaces for DeFi platforms.
- Built data-indexing and analytics pipelines and monitoring tools.

Selected projects

AI Shark Tank

A live pitching experience where AI investor personas hear and question startup pitches in real time, with voice and avatars.

HashHunter

AI trading system run from Telegram: an AI decision layer reads market and on-chain signals, then executes trades automatically across Solana and more than ten EVM chains.

Spock Analytics

Growth analytics with natural-language search on top. Its data layer ingests on-chain and off-chain data through Apache Airflow, dbt and BigQuery.

ToDaMoon AI

An AI-generated TV show: AI storytelling, with viewers predicting what happens next.

Works with

AI	LLM integrations (OpenAI, Anthropic Claude, Gemini), AI agents, LangChain, LangGraph, RAG, Embeddings and vector search, Context engineering, Voice and video APIs (ElevenLabs, Hedra)
Backend	TypeScript, Node.js, NestJS, REST, GraphQL
Data	PostgreSQL, MongoDB, BigQuery, Apache Airflow, dbt, Indexing pipelines
Frontend	React, Next.js
Web3	Solidity, Rust, Solana, EVM

Education

BS Computer Science, University of Karachi (UBIT)