

Yatharth Sharma

AI Full-Stack Engineer

Open to full-time · India & remote

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

AI Full-Stack Engineer with production experience shipping React/TypeScript UIs, FastAPI and Node.js APIs, and LLM/RAG systems at Whilter.AI. Delivered multi-tenant SaaS, semantic search, OCR, and document intelligence across recruitment, CRM, support, and LegalTech, and built Debrief for OpenAI Build Week 2026.

TECHNICAL SKILLS

TypeScript, JavaScript, Python, React, Next.js, Node.js, FastAPI, PostgreSQL, pgvector, Prisma, REST APIs, RAG, LLMs, Embeddings, OpenRouter, Semantic Search, Prompt Engineering, OCR, Document Processing, PDF/DOCX Parsing, Streaming APIs, Multi-tenant SaaS, Clerk, OAuth, JWT, Tailwind CSS, Vercel, Railway, Neon, Docker, Playwright

Frontend stack: React, Next.js, TypeScript, Tailwind CSS

Backend & APIs: FastAPI, Node.js, Express, PostgreSQL, Prisma, REST APIs, JWT, OAuth

AI / ML: RAG, Embeddings, Semantic Search, pgvector, OpenRouter, Prompt Engineering, OCR, Streaming APIs

Cloud & tooling: Vercel, Railway, Neon, Docker, Git, Playwright

WORK EXPERIENCE

Whilter.AI

Dec 2025 — Jun 2026

Software Engineer Trainee | Gurugram, Haryana

- Shipped React/TypeScript UI and FastAPI/Node.js REST APIs for Whilter.AI document-intelligence product (IntelliRAG): ingestion, embeddings, semantic retrieval, and LLM responses.
- Delivered 8+ end-to-end features across frontend, API, and PostgreSQL — document pipelines, admin dashboards, and streaming RAG chat with citation-backed answers.
- Integrated OpenRouter/LLM APIs with prompt templates and validation; automated PDF/DOCX parsing and embedding workflows for production RAG.
- Contributed to multi-tenant SaaS patterns (auth, org scoping, API contracts) for B2B AI deployments.

Ernst & Young Global Consulting Services

Feb 2025 — May 2025

Data Analyst Intern | Gurugram, Haryana

- Supported consulting and reporting workstreams by working with multi-source datasets pulled from different business systems and formats.
- Cleaned, validated, and preprocessed data to improve accuracy before analysis — catching inconsistencies and standardizing fields.

PROJECTS

Debrief — Decision Intelligence Workspace

React · TypeScript · FastAPI · PostgreSQL · pgvector · OpenRouter · Vercel · Railway · Neon

- Built Debrief for OpenAI Build Week 2026 — a live decision-intelligence workspace with cited Decision Briefs, streaming RAG Q&A, and deployment on Vercel + Railway + Neon.
- Live: debrief-psi.vercel.app
- GitHub: github.com/YatharthSharma1309/debrief

Relay AI — Support & Recruitment Platform

Next.js · TypeScript · Prisma · PostgreSQL · Clerk · OpenRouter · RAG · PDF parsing

- Built Relay AI: multi-tenant platform with RAG support module and recruitment module (resume screening, match scores, interview questions, hire-safety workflow).
- Live: relay-ai-app.vercel.app
- GitHub: github.com/YatharthSharma1309/relay-ai

AI Sales Assistant CRM

React · Express · Prisma · PostgreSQL · JWT · OAuth · HubSpot · Salesforce

- Shipped a multi-tenant CRM with drag-and-drop pipeline, activity timelines, lead scoring, and OAuth sync for HubSpot, Salesforce, Google Calendar, and Gmail.
- Live: ai-sales-assistant-crm.vercel.app
- GitHub: github.com/YatharthSharma1309/ai-sales-assistant-crm

Confidential / Private Work

IntelliRAG

Private · Whilter.AI

RAG · Embeddings · PostgreSQL · Multi-tenant SaaS · FastAPI · Semantic search

- Built core parts of Whilter.AI's document-intelligence platform — org-isolated ingestion-to-retrieval pipelines, chunking, embedding storage, API contracts, and citation-backed LLM responses for enterprise B2B deployments.

TermLens — LegalTech SaaS

Private · Commercial SaaS

FastAPI · Browser extension · Desktop app · Razorpay · LLM APIs

- Built commercial legal-tech SaaS with a FastAPI backend, browser extension, desktop app, and Razorpay billing — private codebase.

EDUCATION

Master of Computer Applications (MCA), Data Analytics

Aug 2023 — Jul 2025

Birla Institute of Technology, Mesra

Bachelor of Computer Applications (BCA)

2020 — 2023

Manav Rachna University, Faridabad

CERTIFICATIONS

- OpenAI Build Week 2026 — Built and submitted Debrief (Work & Productivity)
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Data Fundamentals