

Pranay Sanghvi

Senior Backend & AI Systems Engineer

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Senior engineer with 9+ years of experience building scalable backend and data-intensive systems, including AI-native platforms using LLMs, RAG pipelines, and PostgreSQL vector databases. I've evolved from a junior Python developer to co-founding and leading a software company, while delivering production systems across SaaS, compliance, and data platforms. Led and mentored teams of up to 8 engineers, with hands-on experience in OpenAI APIs, Supabase/pgvector, system integrations, and cloud-native architectures, focused on building semantic and automation-driven systems that reduce operational complexity.

WORK EXPERIENCE

Co-Founder

Cozytech

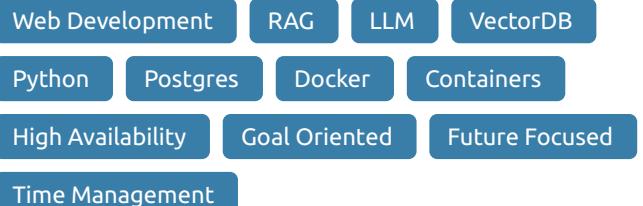
11/2022 - Present

Indore

Projects

- Revenue Assistant
- CustomWise
- RecruitPro
- Evaulate

SKILLS & COMPETENCIES



Sr. Software Developer

Kyndryl labs

09/2021 - 11/2022

Bangalore

Projects

- Software Defined Migration and Modernization

PROJECTS

Revenue Assistant

- Built end-to-end RAG system using OpenAI APIs and Supabase (PostgreSQL + pgvector), enabling semantic search and natural language Q&A over regulatory data.
- Designed a large-scale data pipeline: web scraping of revenue.ie, data cleaning, chunking, embedding generation, and vector storage.
- Implemented similarity search and prompt orchestration layer to retrieve relevant documents and generate grounded AI responses via OpenAI.

RecruitPro

- A SaaS product that caters End-to-End needs of recruitment firms with 550 active users.
- Designed scalable backend and reporting systems using Node.js and PostgreSQL.
- Led product architecture and team execution.

Customwise

- Enable customs brokers to interact with various customs agencies(HMRC, Revenue Ireland) about incoming and outgoing consignments.
- used SOAP, as all agencies support only XML for transactions.
- Interacts with latest Safety and Security module developed by HMRC.

Evaulate

- Facilitate admins to Onboard, Evaluate performance, and Generate Reports of the employees
- Developed using Express, App Connect, Postgres

EDUCATION

Master of Technology(CSE)

Indian Institute of Technology

07/2016 - 05/2018

Guwahati

Courses

- Specialized coursework in Information Retrieval and Artificial Intelligence
- Strong foundation in algorithms, search systems, and data modeling

ACHIEVEMENTS & CERTIFICATION

Application Driven Configuration of Service Management Tools (06/2020 - Present) 

Patent

Scored 99.71 percentile in GATE(CSE)-2016

Applied Data Science with Python - Level 2 