

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 - RecruitPro
- CustomWise - Evalute

### Sr. Software Developer Kyndryl labs

09/2021 - 11/2022

Bangalore

#### Projects

- Software Defined Migration and Modernization

### Software Developer IBM GTS Labs

07/2018 - 08/2021

Bangalore

#### Project

- End-to-End Service Automation using Micro services - Software Defined Migration and Modernisation

### Intern IBM GTS Labs

05/2017 - 07/2017

Bangalore

#### Projects

- Augmented Automation

## 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

## SKILLS & COMPETENCIES

Web Development

RAG

LLM

VectorDB

Python

Postgres

Docker

Containers

High Availability

Goal Oriented

Future Focused

Time Management

## 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.

### Evalute

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

## 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 