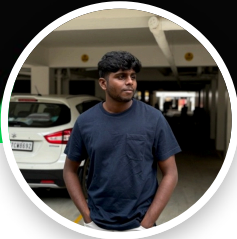


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J Kishore Kumar

Undergraduate at VIT Chennai | AI Engineer | Agentic Systems | Generative AI Workflows | Backend Developer
Chennai, Tamil Nadu, India
527 followers · 500+ connections

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 CYSCOM VIT Chennai


 Vellore Institute of Technology

 [Personal Website](#)

About

I'm an AI Engineer passionate about building intelligent systems using generative AI and autonomous agent technologies. I develop scalable SaaS applications that combine AI with backend solutions. I have experience in Python, cloud platforms like AWS and Azure, and a solid understanding of DevOps. I want to be part of teams building practical solutions with real impact.


Experience

- 

Technical Team Member
CYSCOM VIT Chennai
Aug 2023 - Present · 2 years
Chennai, Tamil Nadu, India
- 

Machine Learning Intern
Unified Mentor Private Limited
May 2025 - Jun 2025 · 2 months
Chennai, Tamil Nadu, India

Education

- 

Vellore Institute of Technology
Bachelor of Technology - BTech · Computer Science
2022 - 2026

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Personalize the URL for your profile.

www.linkedin.com/in/kxshrx

Edit content

This is your public profile. To edit its sections, update your profile.

Edit contents

Edit visibility

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Your profile's public visibility

On

Basic (required)

☒ Name, number of connections, number of followers, and region

☐ Profile photo

☐ Only 1st-degree connections

☐ Your network

☐ All LinkedIn members

☒ Public

Background photo

Show

Headline

Show

Websites

Show

Summary

Show

Articles & activity

Hide

Current experience

Show

Details

Show

Past experience

Show

Details

Show

Education

Show

Details

Show

Grade XI - XII

2020 - 2022


Projects

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Languages

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Licenses & Certifications




Google Data Analytics Professional Certificate

Coursera

Issued Jan 2025

Credential ID ACNVLQLHS7AY

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Microsoft Certified Azure AI Fundamentals

Microsoft

Issued Jul 2024

Credential ID ITS-8506652

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Create a badge

Projects

Autonomous Parallel Path Planning System

Feb 2025 - Jun 2025

Developed a full-stack application that demonstrates and benchmarks real-time pathfinding algorithms on real-world road networks. Integrated both sequential and parallel implementations of Dijkstra, A*, and Bellman-Ford algorithms to analyze performance gains from multithreading and multiprocessing in Python.

The backend, built with Flask, NetworkX, and OSMnx, performs graph processing on Chennai's road network, while the frontend, using Next.js (React 19) and React-Leaflet, provides an...

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Answerly – Retrieval-Augmented Conversational Agent with Multi-Document Embedding Fusion

Apr 2025 - May 2025

Answerly is a Retrieval-Augmented Generation (RAG) system built as a Chrome extension with a FastAPI backend. It allows users to ask questions specifically about the content of the webpage they are currently viewing. If the answer cannot be found in the page's content, it responds accordingly — ensuring answers are grounded only in the provided context.

Key features:

- Chrome extension to ask questions directly from any webpage

- Uses Hugging Face's all-MiniLM-L6-v2 for semantic...

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PaveSense – Real-Time Pothole Detection & Mapping System

Feb 2025 - May 2025

PaveSense is a full-stack, real-time road health monitoring system that detects potholes using smartphone sensor data and maps them for infrastructure use. It combines mobile sensor streaming, WebSocket-based backend processing, machine learning detection, and an interactive dashboard for visualization and reporting.

Key features:

- Real-time data processing using FastAPI with WebSocket support

- ML-based pothole detection with severity classification and cooldown logic

-...

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English

Full professional proficiency

Hindi

Professional working proficiency

Tamil

Native or bilingual proficiency

Telugu

Limited working proficiency