

ADARSH KUMAR

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SKILLS

- Python, Java, Javascript, C/C++, Bash/Shell Scripting, Solidity.
- OpenAI, Socket.IO, Flask, TelegramSDK, DiscordSDK, Mongoose, AWS, Docker, ElevenLabs, Smart Contracts, Git/Github.
- MERN Stack Development, Generative AI, Web Development, Microservices.

WORK EXPERIENCE

Freelance AI Developer:

Jul 2023 – Nov 2023

- Engineered AI-driven solutions leveraging Retrieval-Augmented Generation (RAG) and integrated OpenAI API into Discord and Telegram bots, enhancing chatbot functionality.
- Deployed AI services on AWS Lightsail, utilizing Docker for seamless deployment and Pinecone vector databases to improve data retrieval efficiency.

PROJECTS

V-Doc: AI Medication Assistant

July 2023

- Developed an AI-driven virtual doctor using Python and React.js, integrating Langchain, OpenAI API, and Pinecone for efficient decision-making.
- Github: <https://github.com/akn714/V-Doc>

Colx: College OLX Platform

Aug 2023

- Created a college marketplace using Node.js, Express.js, React.js and MongoDB for seamless buying and selling within campus communities.
- Github: <https://github.com/akn714/colx>

Trash N Treasure: Domestic Waste Management Portal

Jan 2024

- Built a web portal to connect households with recycling industries, using Node.js and MongoDB for efficient waste management.
- Github: <https://github.com/akn714/Trash-n-Treasure>

AI Chatbot Assistant

July 2023

- Designed a custom AI chatbot integrated with Telegram and Discord, utilizing RAG, OpenAI API, Langchain and Pinecone for accurate conversations.
- Github: <https://github.com/akn714/custom-chat-bots>

Crop Trading System

Jan 2025

- Developed a decentralized crop trading system using blockchain and smart contracts to enable direct transactions between producers and consumers, ensuring transparency and security.
- Github: <https://github.com/akn714/crop-trading-system>

EDUCATION

B.Tech in Computer Science and Engineering || Mainpuri, UP

2022 – 2026

Rajkiya Engineering College Mainpuri

Relevant Coursework: Data Structures and Algorithms, Computer Networks, Operating Systems, Machine Learning Techniques, Software Engineering, Object-Oriented Programming, Blockchain Architecture Design