



Ajay Kumar K V



Passionate and innovative aspiring AI Engineer with hands-on experience in developing cutting-edge AI applications using Large Language Models (LLMs).Committed to pushing the boundaries of AI technology and eager to contribute to groundbreaking GenAI projects that transform industries.

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Profiles

-  Ajay Kumar K V
-  Ajaykumar

Skills

Python	Machine Learning
Prompt Engineering	Langchain
AWS	Llamaindex
Java	Sql
Generative AI	Azure AI Services
Team Work	Quick Learner

Languages

Tamil	English
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Education

Velammal College of Engineering and Technology	B.E
CSE	
8.87	
Rajan Matriculation Higher Secondary School	-
Computer science	HSE
88.83	
Rajan Matriculation Higher Secondary School	-
96.4	SSLC

Experience

GarrettMotion	JAN-2024-JUL-2024
Intern	Madurai
As a GenAI Intern at Garrett Motion, I developed a Feedback Analysis Assistant that surpasses traditional sentiment analysis by providing actionable recommendations for addressing negative feedback. I also worked on preprocessing unstructured data to improve Retrieval-Augmented Generation (RAG) applications and designed a customizable email rephrasing plugin to enhance the professionalism and clarity of email communications.	

Projects

Instagram Post Summarization
Developed an innovative system that extracts Instagram post comments using post-IDs and leverages Large Language Models (LLMs) to generate concise summaries of user perspectives. This project enables quick analysis of user sentiment and feedback, providing valuable insights for social media analysis and user engagement assessment
Email Rephrasing Assistant Plugin
Collaborated on a team project, focusing on backend development for a productivity-enhancing email rephrasing plugin. Implemented LLM integration to automatically rephrase and improve email content, streamlining communication processes.
Agrobot
Implemented a cutting-edge chatbot platform tailored specifically for farmers, streamlining information retrieval and delivering real-time insights, resulting in a 50% increase in efficiency for users.
Phishing Detection
Developed an advanced phishing detection system utilizing BERT Finetuned models, enhancing cybersecurity measures by accurately identifying and flagging potential phishing attempts with 95% precision, leading to a 40% reduction in successful phishing attacks for client organizations.
Freshebot
I developed a ChatBot accompanied by a voice-driven assistant, strategically catering to addressing interview-related uncertainties and delivering personalized suggestions. Leveraging my skills in JavaScript and the Flask Framework, I orchestrated the creation of this innovative solution, highlighting my ability to craft functional and user-friendly applications.

Interests

Cloud Computing	Artificial Intelligence
Machine learning	Data Science
DevOps	CyberSecurity
Big Data	AR/VR

Certifications

Azure AI-102 AI-Engineer Associate Microsoft	Machine Learning Specialization Coursera
Google Cloud Digital Leader Google Cloud	RAG-Chat with your Data Deeplearning.AI
AWS Cloud Technical Essentials Coursera	Google Cloud :Associate Cloud Engineer Coursera

Achievements

GeeksForGeeks Practice

 <https://auth.geeksforgeeks.org/user/ajaykumarkv17>

Attaining the 3rd position within my institution on the GeeksforGeeks practice portal, I showcased my dedication and proficiency in programming, further solidifying my commitment to continuous learning and excellence.

Activities

Gen-AI Blogger

Active contributor in the generative AI space, regularly sharing industry news and insights through social media posts and blog articles. Writes in-depth analyses on latest developments, use cases, and implications of generative AI technologies, fostering informed discussions and knowledge sharing within the tech community.

RAG and Agents Workshop

Attended an intensive one-day workshop on Retrieval-Augmented Generation (RAG) and AI Agents in Generative AI. Gained in-depth understanding of RAG’s functionality in enhancing LLM responses with external knowledge. Explored the workings of AI agents in autonomous task completion and decision-making processes. This hands-on experience provided practical insights into implementing these advanced AI technologies in real-world applications.

Madurai Hackathon-2022

Actively engaged in the Hackathon organized by our college, utilizing the opportunity to explore and acquire knowledge on cutting-edge technologies. Additionally, I applied my newfound knowledge to successfully develop a project.

Volunteering

GENNEXT22

MEMBER

Participated actively in a national-level technical symposium organized by my college.