Interview Questions for Yuvaraja Avuthu

- 1. Imagine this: How would you approach transforming a traditional ETL pipeline into an intelligent agentic system that can make real-time decisions on data quality and routing? Wipro
- 2. What's your detailed strategy if asked: Suppose your RAG pipeline is inconsistently retrieving contextually irrelevant documents. How would you debug and improve this setup? Toyota
- 3. Your company wants to implement prompt versioning and A/B testing. How would you build a system that supports this at scale? JP Morgan
- 4. From your experience, what approach would you take for this scenario? How would you manage drift in production LLMs in a highly regulated environment? JP Morgan
- 5. From your experience, what approach would you take for this scenario? A client asks for a personalized AI document summarizer that supports 5 languages, has memory, and can be deployed in hybrid cloud. How would you approach this, from planning to delivery? Microsoft
- 6. From your experience, what approach would you take for this scenario? What's your approach to prompt engineering when dealing with customer support bots? Toyota
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- 12. Imagine this: What's your approach to prompt engineering when dealing with customer support bots? Wipro

- 13. As an AI engineer, how would you respond to this: Imagine you're designing an AI assistant for internal HR policy queries at a large corporation. How would you balance fine-tuned vs zero-shot responses? TCS
- 14. From your experience, what approach would you take for this scenario? As a lead ML architect, you're asked to build a scalable GenAI solution that integrates with Salesforce, Slack, and internal databases. Outline your system design, including handling user context, scalability, data privacy, and monitoring. Wipro
- 15. Can you walk us through how you integrated LangChain with a vector database? BCBS
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