**Architecture of Router Segment Problem**

1. **Logical Architecture:**
   1. **Backend : Python**
   2. **Frontend : React**
   3. **LLM Framework : Langchain**
   4. **LLM API provider : Together API**
   5. **Agentic Framework : AutoGen or LangChain**
   6. **Scraping : Playwright**
   7. **LLM : Mistral**
   8. **Vector DB : ChromaDB**
   9. **Database: MongoDB/MySQL**
2. **Physical Architecture:**
   1. **Storage : AWS S3**
   2. **Server : EC2**
   3. **Deployment : AWS**