

Job Description: AI/ML Intern – LLM-Based Chatbot Developer

Company: Dotcod Innovations (HireWalks Subgroup)

Location: Remote / Kochi, Kerala

Internship Duration: 3 months

About the Company:

Dotcod Innovations is a technology-driven company specializing in AI solutions for HRTech, EdTech, and conversational AI systems. The HireWalks initiative is focused on transforming recruitment through intelligent automation.

Job Description:

We are looking for a highly motivated AI/ML Intern to join our R&D team for the development of an LLM-based chatbot.

This chatbot (IntelliHire) will analyze resumes and job descriptions to generate context-aware interview questions using LLMs and embeddings.

Key Responsibilities:

- Build and fine-tune components of an intelligent Q&A chatbot using Python
 - Integrate Hugging Face's Inference API with custom prompts for question generation
 - Parse PDF documents using PyMuPDF
 - Apply sentence-transformers and FAISS for chunk embedding and similarity search
 - Develop a user interface using Streamlit
 - Maintain session state and memory for chat history
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Requirements:

- Strong knowledge of Python
 - Familiarity with NLP tools like sentence-transformers, Hugging Face Transformers
 - Hands-on experience with vector search (FAISS preferred)
 - Understanding of LLMs and prompt engineering
 - Basic knowledge of Streamlit and PDF parsing (PyMuPDF)
 - Good problem-solving and communication skills
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Preferred Skills:

- Familiarity with Mistral, LLaMA, or other open-source LLMs
 - Experience with chatbot frameworks or RAG pipelines
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Benefits:

- Hands-on real-world project experience
- Certificate and Letter of Recommendation
- Opportunity to work on production-level AI systems