

Interview Assessment for GenAI Solutions Developer Position

Objective

To assess the candidate's practical skills, understanding, and innovative application of Generative AI (GenAI) frameworks and tools through a small project demonstration.

Instructions for Candidates

Project Scope

- Develop a small demo project that showcases your skills and knowledge in GenAI solutions, with a focus on Python programming.
- The project should demonstrate your ability to integrate and utilize GenAI services and APIs to perform a task or action of your choice.

Requirements

- **Frameworks and Tools:** Pick the framework of your choice: Langchain, Llamaindex, Haystack, DIY, etc...
- **Functionality:** The demo should solve a complex problem or demonstrate a significant capability of GenAI, emphasizing innovative approaches and advanced problem-solving skills.
- **Bonus:** Provide access to the source code via a repository link (preferably GitLab)

Presentation

- Prepare a 15-20 minute presentation to showcase your project. This presentation can be in any format you prefer; it does not necessarily have to be a PowerPoint presentation. A detailed code walkthrough is also acceptable and can be an effective way to demonstrate the intricacies and functionality of your project.
- Highlight:
 - The complex problem addressed.
 - The GenAI frameworks and tools used and the rationale behind their selection.
 - The architecture and workflow of the application.
 - Key challenges faced, particularly in terms of integration and advanced functionality, and how they were overcome.



Evaluation Criteria

- **Technical Competence:** Depth and sophistication of the implementation.
- **Innovation and Creativity:** Originality of the application and innovative use of advanced GenAI tools.
- **Problem-Solving:** Effectiveness in tackling complex problems with advanced solutions.
- **Presentation Skills:** Clarity, professionalism, and ability to convey complex ideas effectively.

Submission

- Submit the repository link and all necessary documentation at least 24 hours before your scheduled interview.
- Ensure that the demo is fully operational, with a focus on seamless setup and execution by the interviewers.

This assessment is designed to evaluate not only your technical capabilities but also your strategic approach to complex problem-solving and innovation in the field of GenAI. We are eager to explore your unique solutions and discuss them during your interview.