

An aerial photograph of a city skyline at dusk. The Bitexco Financial Tower, a tall, spiraling skyscraper, is the central focus. It is surrounded by other high-rise buildings and a dense urban landscape. A river flows through the city, with several boats visible. The sky is a mix of orange and blue, indicating the time is either dawn or dusk. The overall scene is a vibrant and detailed representation of a modern city.

Curriculum Vitae Reader

Using LLM as Agent to extract information from candidates' CVs

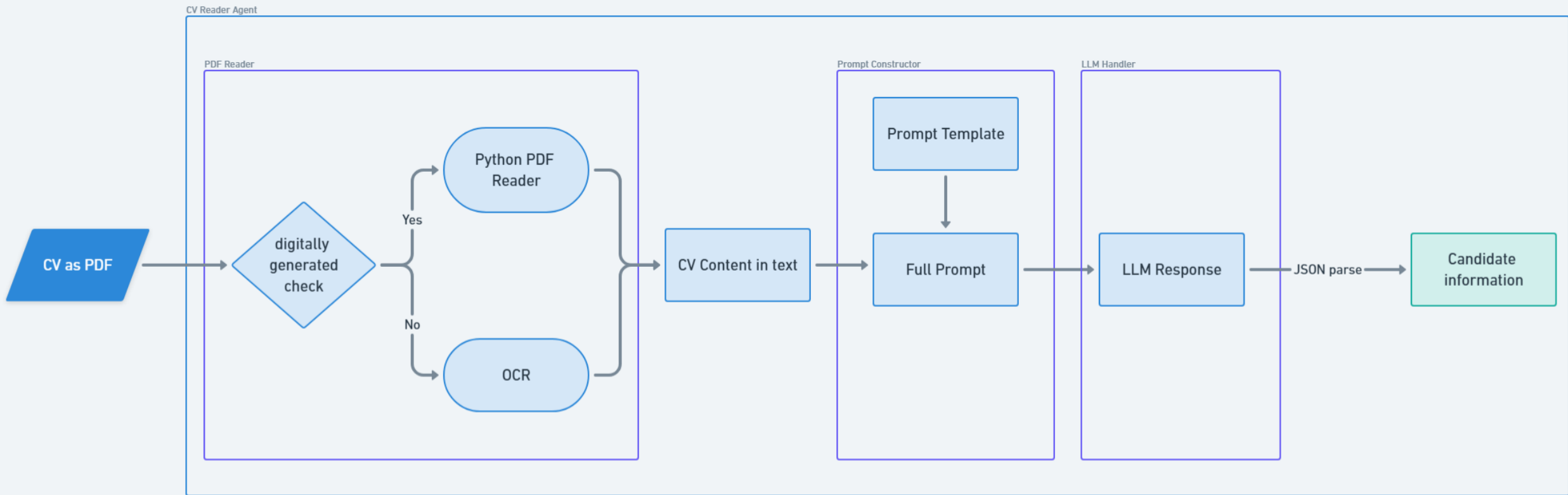
Nguyen Minh Tai – Mike

Assumption and Constraints

This simple application assumes some constraints are met:

- Azure OpenAI services is fully registered.
- Internet connection may not be required but the hosting machine should be entitled to connect Azure OpenAI via API.
- Candidates' CVs are in PDF format.
- Candidates' CVs are available inside hosting machine.
- Hosting machine can download libraries via Python pip.
- All content from candidates' CVs is permitted to be accessed by Azure OpenAI.
- Chunking strategies may not be needed, since a single CV is not too long.

Architecture



Further Enhancement

Since this application is a prototype, some further enhancement need to be implemented for practical usage:

- LLM handler will be able to handle many LLM providers via API.
- OCR method should be considered to use ML model or OCR providers.
- Candidates' CVs could be in any format (excel, words, ...).
- Implement online access files.
- Apply Router Agent to effectively create prompts appropriate with specific industries.
- ...

An aerial photograph of Ho Chi Minh City, Vietnam, taken at dusk. The Bitexco Financial Tower, a prominent skyscraper with a distinctive spire, stands out in the center. The city is densely packed with buildings of various heights and colors. A large river, the Saigon River, flows through the city, with several boats visible on its surface. The sky is a mix of orange and blue, indicating the time is either early morning or late evening. The overall scene captures the vibrant urban landscape of the city.

THANK YOU

Nguyen Minh Tai – Mike