

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' CV

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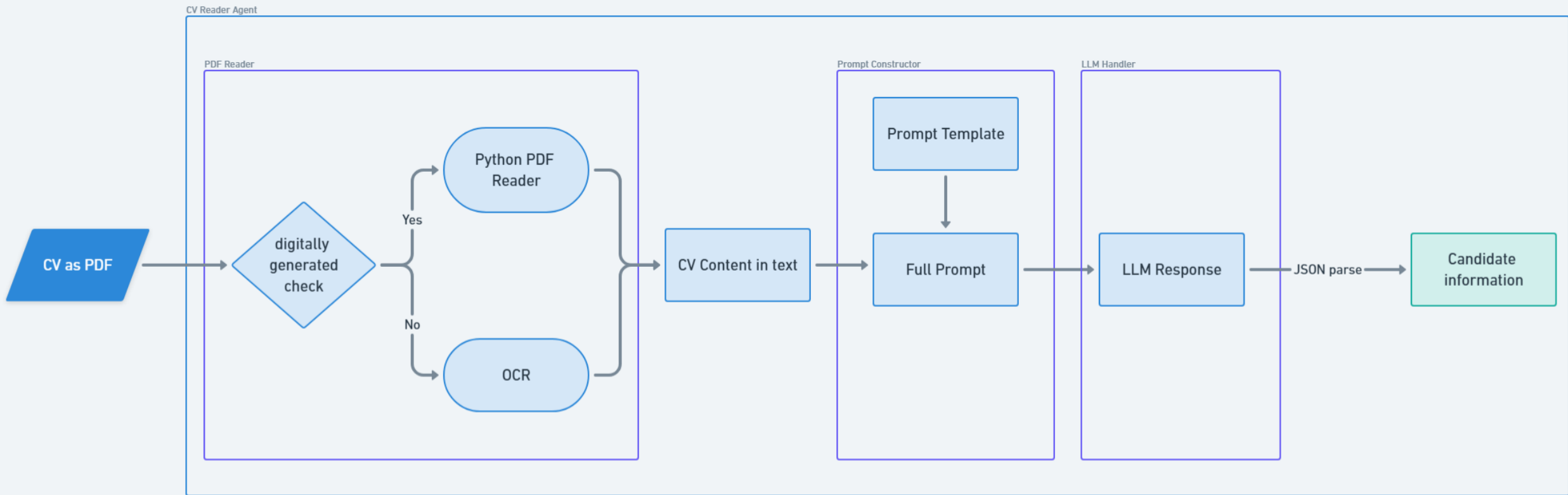


# Assumption and Constraints

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*