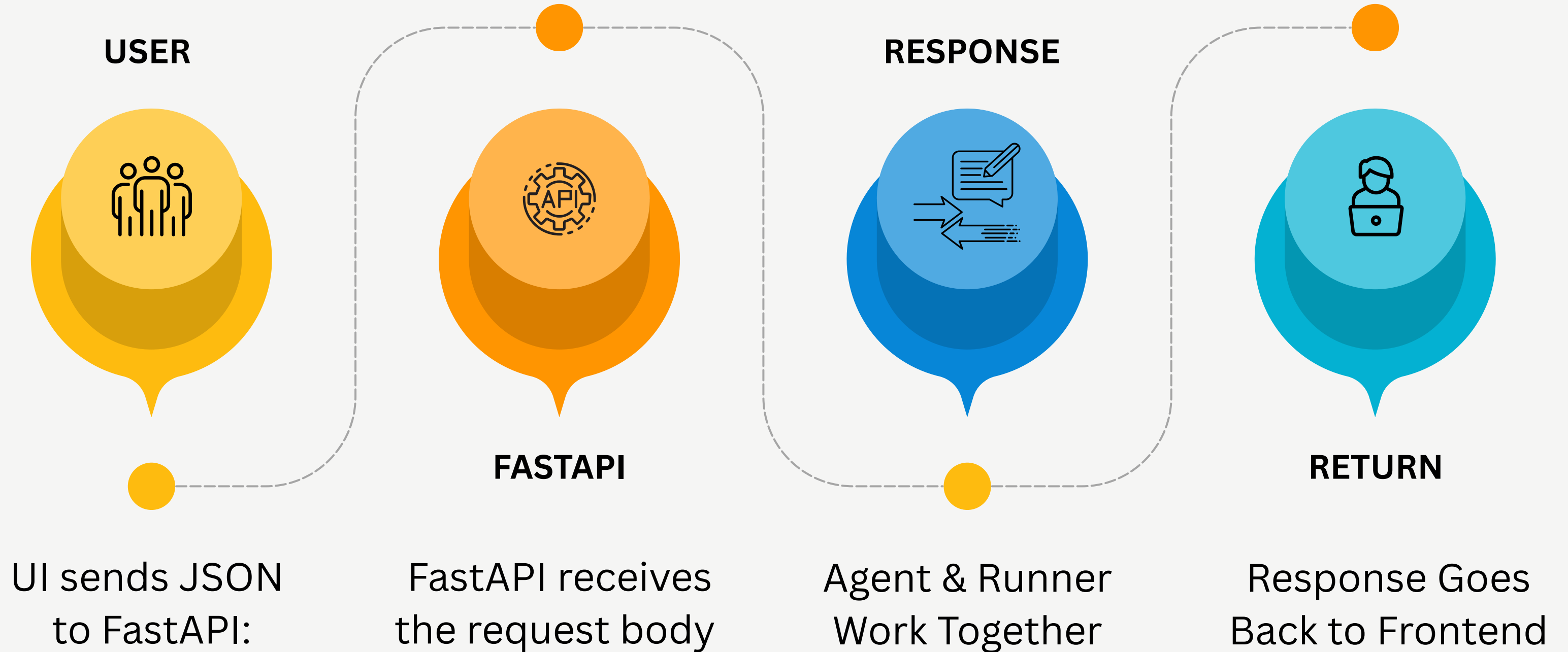


# FRONTENDxBACKEND

SUBHAN KALADI



## *Step 1: Frontend Sends Message (POST)*

When user types something like:

"Hello Assistant!"

Your UI sends this JSON to FastAPI:

json:

```
{  
  "message": "Hello Assistant!"  
}
```

via :

```
fetch("http://localhost:8000/chat", {  
  method: "POST",  
  headers: { "Content-Type": "application/json" },  
  body: JSON.stringify({ message: userMessage }),  
});
```

## *Step 2: FastAPI Receives the Message*

FastAPI receives the request body and passes it to this function:

```
@app.post("/chat")  
async def chat_with_agent(req: ChatRequest):
```

So req.message = "Hello Assistant!"

# *Step 3: Agent & Runner Work Together*

## *Step 4: Response Goes Back to Frontend*

Now this line runs:

python:

```
return {"response": result.final_output}
```

That means backend sends JSON response back to frontend like:

json:

```
{  
  "response": "Hello there! How can I help you today?"  
}
```

# FRONTENDxBACKEND

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