

Backend Challenge - Patient Registration

Technology: **Laravel**

Type: **Backend**

Recommended for: Junior and beyond

Status: **Active**

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Your objective is to create a patient registration application using Laravel or FastAPI. You are required to implement the following functionalities:

1. An API for patient registration that collects the following information: name, email address, phone number, and a photo of the document.
2. The application must perform validation on user-entered data to ensure that all required fields are provided and valid as needed.
3. Upon successful validation of patient data, store it in a **PostgreSQL** database.
4. After a patient is successfully registered, asynchronously send a confirmation email to prevent application blocking. It is not necessary to design the email; you can use the framework's default template.
5. Utilize Docker to establish the development environment for the application.

Additionally, take into account the following points: