

Day 2 - FastAPI Coding Tasks

Date: July 18, 2025

1. Create a POST endpoint using Pydantic that accepts 'name', 'age', and 'email'.
2. Add basic input validation: name (min 3 chars), age (≥ 18), and use EmailStr.
3. Add an optional field 'bio' to the model and return it only if provided.
4. Add a field 'gender' and validate it using Enum: 'male', 'female', 'other'.
5. Add a field 'skills' as List[str] and return the top skill.
6. Nest another Pydantic model called Address inside the Info model.
7. Return custom JSON response using JSONResponse with a status code.
8. Create a GET route using query parameters: /search?name=Ali.
9. Create a GET route /count?text=hello%20world to return word count.
10. Create a fake database (list) to store all POSTed Info and return it via GET /users.