CREATE TABLE Departments (

DepartmentId SERIAL PRIMARY KEY,

Title VARCHAR(255) NOT NULL

);

CREATE TABLE Locations (

LocationId SERIAL PRIMARY KEY,

Title VARCHAR(255),

City VARCHAR(100),

State VARCHAR(100),

Country VARCHAR(100),

Zip VARCHAR(20)

);

CREATE TABLE Jobs (

JobId SERIAL PRIMARY KEY,

Title VARCHAR(255),

Description TEXT,

LocationId INT REFERENCES Locations(LocationId),

DepartmentId INT REFERENCES Departments(DepartmentId),

ClosingDate TIMESTAMP,

PostedDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

INSERT INTO Departments (Title) VALUES

('Software Development'),

('Project Management');

INSERT INTO Locations (Title, City, State, Country, Zip) VALUES

('India Office', 'Verna', 'GA', 'India', '403802'),

('US Office', 'New York', 'NY', 'United States', '10001');

**APIs**

**[POST]**

<https://localhost:7018/api/v1/jobs>

{

  "title": "Full Stack Developer",

  "description": "Looking for a developer skilled in React and .NET.",

  "departmentid": 1,

  "locationid": 1,

  "closingdate": "2025-08-31"

}

**[PUT]**

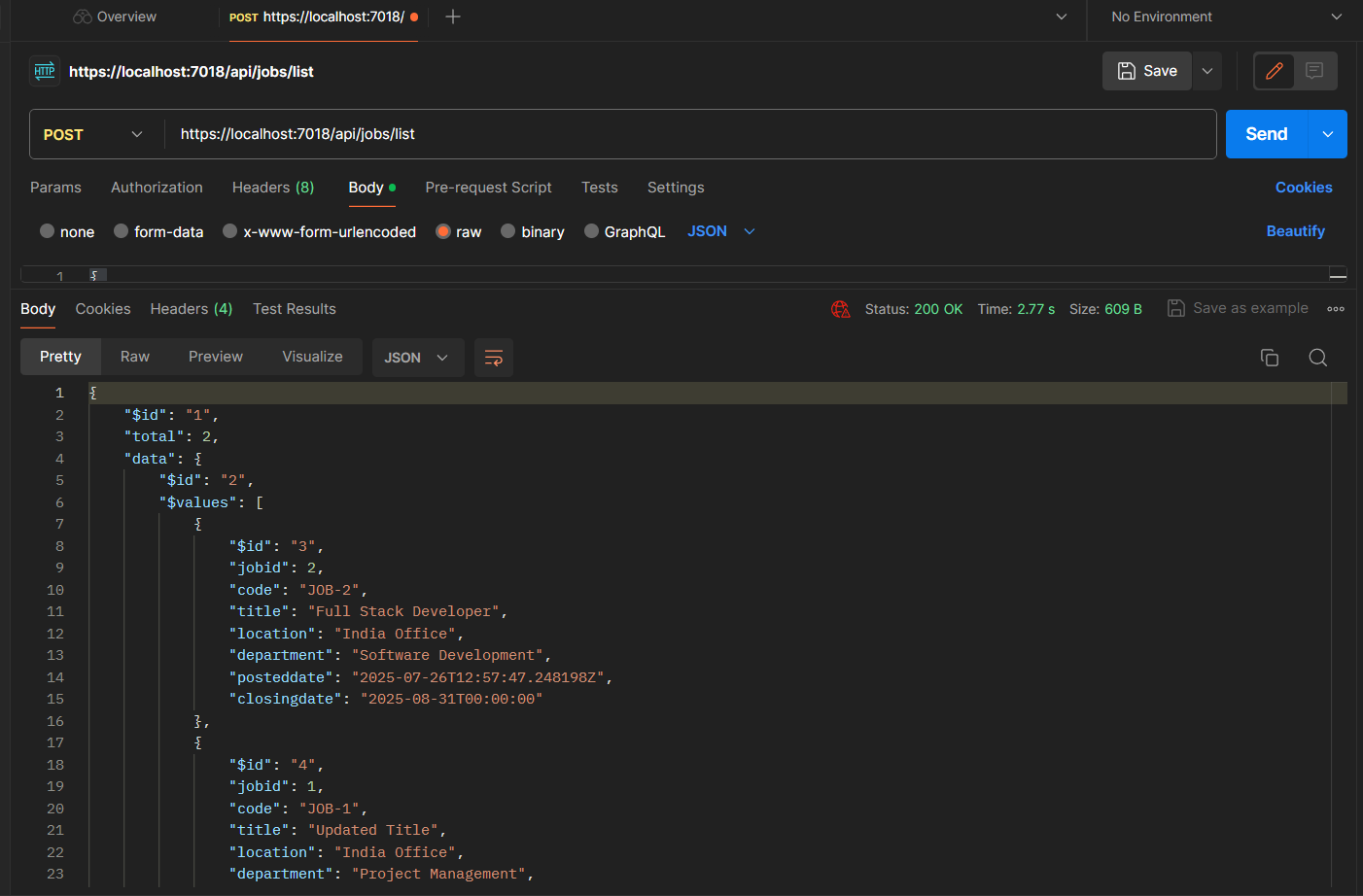
<https://localhost:7018/api/v1/jobs/1>

**[GET]**

[**https://localhost:7018/api/v1/jobs/1**](https://localhost:7018/api/v1/jobs/1)

**List API**

https://localhost:7018/api/jobs/list

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