

Job Listing API Documentation

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Base URL

`http://127.0.0.1:8000/api`

Authentication

All API requests require authentication via **Bearer Token** using **Sanctum**.

To authenticate, you must first log in or register and then use the token in the header of your requests.

1. Create a New Job Listing

Endpoint:

`POST /job-listings`

Description:

Create a new job listing. You must be authenticated to create a job listing.

Request:

Headers:

- `Authorization: Bearer {token}`
- `Content-Type: application/json`

Body (JSON):

```
{
  "title": "Software Engineer",
  "company_name": "XYZ Corp",
  "location": "New York",
  "salary": 60000,
  "description": "Developing software solutions."
}
```

Response:

Status Code: 201 Created

Body (JSON):

```
{
  "id": 1,
  "title": "Software Engineer",
  "company_name": "XYZ Corp",
  "location": "New York",
  "salary": 60000,
  "description": "Developing software solutions."
}
```

```
    "description": "Developing software solutions.",
    "user_id": 1,
    "created_at": "2024-11-21T12:00:00",
    "updated_at": "2024-11-21T12:00:00"
}
```

2. Get All Job Listings

Endpoint:

GET /job-listings

Description:

Get a list of all job listings.

Request:

Headers:

- Authorization: Bearer {token}
- Content-Type: application/json

Response:

Status Code: 200 OK

Body (JSON):

```
[
  {
    "id": 1,
    "title": "Software Engineer",
    "company_name": "XYZ Corp",
    "location": "New York",
    "salary": 60000,
    "description": "Developing software solutions.",
    "user_id": 1,
    "created_at": "2024-11-21T12:00:00",
    "updated_at": "2024-11-21T12:00:00"
  },
  {
    "id": 2,
    "title": "Data Scientist",
    "company_name": "ABC Ltd.",
    "location": "San Francisco",
    "salary": 80000,
    "description": "Analyzing data trends.",
    "user_id": 2,
    "created_at": "2024-11-20T11:00:00",
    "updated_at": "2024-11-20T11:00:00"
  }
]
```

3. Get a Single Job Listing

Endpoint:

GET /job-listings/{id}

Description:

Get details of a specific job listing by ID.

Request:

Headers:

- Authorization: Bearer {token}
- Content-Type: application/json

URL Parameters:

- id: The ID of the job listing.

Response:

Status Code: 200 OK

Body (JSON):

```
{
  "id": 1,
  "title": "Software Engineer",
  "company_name": "XYZ Corp",
  "location": "New York",
  "salary": 60000,
  "description": "Developing software solutions.",
  "user_id": 1,
  "created_at": "2024-11-21T12:00:00",
  "updated_at": "2024-11-21T12:00:00"
}
```

4. Update a Job Listing

Endpoint:

PUT /job-listings/{id}

Description:

Update the details of an existing job listing by ID.

Request:

Headers:

- Authorization: Bearer {token}
- Content-Type: application/json

URL Parameters:

- id: The ID of the job listing.

Body (JSON):

```
{
  "title": "Senior Software Engineer",
  "company_name": "XYZ Corp",
  "location": "New York",
  "salary": 90000,
  "description": "Developing and leading software teams."
}
```

Response:

Status Code: 200 OK

Body (JSON):

```
{
  "id": 1,
  "title": "Senior Software Engineer",
  "company_name": "XYZ Corp",
  "location": "New York",
  "salary": 90000,
  "description": "Developing and leading software teams.",
  "user_id": 1,
  "created_at": "2024-11-21T12:00:00",
  "updated_at": "2024-11-21T12:10:00"
}
```

5. Delete a Job Listing

Endpoint:

DELETE /job-listings/{id}

Description:

Delete a specific job listing by ID.

Request:**Headers:**

- Authorization: Bearer {token}
- Content-Type: application/json

URL Parameters:

- id: The ID of the job listing.

Response:

Status Code: 204 No Content

Body:

```
{
  "message": "Job listing deleted successfully."
}
```

6. Login (Obtain API Token)

Endpoint:

POST /api/login

Description:

Login a user to get the API token for authentication.

Request:**Body (JSON):**

```
{
  "email": "user@example.com",
  "password": "password123"
}
```

Response:

Status Code: 200 OK

Body (JSON):

```
{
  "token": "your-api-token-here"
}
```

7. Register a New User

Endpoint:

POST /api/register

Description:

Register a new user.

Request:**Body (JSON):**

```
{
  "name": "John Doe",
  "email": "john@example.com",
  "password": "password123",
  "password_confirmation": "password123"
}
```

Response:

Status Code: 201 Created

Body (JSON):

```
{
  "message": "User created successfully."
}
```

Error Responses

Common Error Codes:

- 400 Bad Request: The request is malformed or missing required fields.
- 401 Unauthorized: The API token is missing or invalid.
- 404 Not Found: The requested resource does not exist.
- 500 Internal Server Error: There is an unexpected server error.