Seed Endpoint Fix Summary

🎯 Problem Identified

The `/api/seed/run` endpoint was returning `{"success":false,"error":"Route not found"}` when accessed via GET request. While the endpoint existed, it only responded to POST requests, causing confusion.

✅ Solution Implemented

1. Added GET Handler for Better User Experience

- Added `seedInfo` controller that responds to GET requests
- Returns helpful information about how to use the endpoint
- Returns HTTP 405 (Method Not Allowed) with usage instructions

2. Kept POST Functionality Intact

- POST `/api/seed/run` continues to work as before
- Requires `x-seed-secret` header for authentication
- Seeds database with test data using Prisma

3. Files Modified

- `backend/src/routes/seed.routes.ts` - Added GET route handler
- `backend/src/controllers/seed.controller.ts` - Added `seedInfo` function

📋 How to Use the Endpoint

Check Endpoint Information (GET)

```
curl https://workigom-backend.onrender.com/api/seed/run
```

Response:

```json
{
  "success": false,
  "message": "Method Not Allowed",
  "error": "GET method is not supported for this endpoint",
  "usage": {
    "method": "POST",
    "endpoint": "/api/seed/run",
    "headers": {
      "Content-Type": "application/json",
      "x-seed-secret": "your_seed_secret_here"
    },
    "description": "This endpoint seeds the database with test data (users, jobs, donations)",
    "example": "curl -X POST https://workigom-backend.onrender.com/api/seed/run -H \"x-seed-secret: your_secret\""
  },
  "note": "The x-seed-secret must match the SEED_SECRET environment variable"
}
```

Run Database Seeding (POST)

```
curl -X POST https://workigom-backend.onrender.com/api/seed/run \
  -H "Content-Type: application/json" \
  -H "x-seed-secret: YOUR_SEED_SECRET"
```

Success Response:

```json
{
  "success": true,
  "message": "Database seeded successfully",
  "timestamp": "2025-10-25T21:30:00.000Z",
  "output": "Seed completed",
  "warnings": null
}
```

🌱 What Gets Seeded

The seed script (`prisma/seed.ts`) creates:

Test Users

1. **Admin User**
   - Email: `admin@workigom.com`
   - Password: `admin123`
   - Role: ADMIN

2. **Corporate Users (4)**
   - `company1@workigom.com` - Tech Solutions Ltd.
   - `company2@workigom.com` - Restoran Lezzet
   - `company3@workigom.com` - Yapı Market A.Ş.
   - `company4@workigom.com` - E-Ticaret Global
   - Password: `company123`
   - Role: CORPORATE

3. **Individual Users (Job Seekers)**
   - `mehmet@example.com` and others
   - Password: `user123`
   - Role: INDIVIDUAL

Job Postings

- Multiple job listings with different statuses and urgencies
- Created by corporate users
- Include titles, descriptions, requirements, salaries, and locations

Food Donations

- Various types: Cooked meals, packaged food, bakery, dairy
- Created by corporate users (donors)
- Include titles, descriptions, quantities, and expiration dates

🔒 Security

The endpoint requires the `x-seed-secret` header to match the `SEED_SECRET` environment variable set on Render.

Required Environment Variable on Render:
- `SEED_SECRET` = your secret value

🚀 Deployment

Changes have been:
- ✅ Committed to Git (commit: 176a062)
- ✅ Pushed to GitHub (master branch)
- ⏳ Render will auto-deploy when it detects the changes

📊 Testing After Deployment

1. Test Health Check

```
curl https://workigom-backend.onrender.com/api/seed/health
```

Expected response:

```
{
  "success": true,
  "message": "Seed service is available",
  "configured": true,
  "timestamp": "2025-10-25T21:30:00.000Z"
}
```

2. Test GET /run (Should show usage info)

```
curl https://workigom-backend.onrender.com/api/seed/run
```

3. Test POST /run (With correct secret)

```
curl -X POST https://workigom-backend.onrender.com/api/seed/run \
  -H "x-seed-secret: YOUR_SECRET"
```

🎉 Result

The `/api/seed/run` endpoint now:
- ✅ Responds to both GET and POST requests
- ✅ Provides helpful information when accessed via GET
- ✅ Seeds the database with test users, jobs, and donations via POST
- ✅ Has proper authentication via x-seed-secret header
- ✅ Returns clear error messages and usage instructions

Note: Make sure the `SEED_SECRET` environment variable is set on Render for the POST endpoint to work properly.