**CODE :**

**Jobmodels.js**

module.exports = (sequelize, DataTypes) => {

const Job = sequelize.define("Job", {

title: { type: DataTypes.STRING, allowNull: false },

company: { type: DataTypes.STRING, allowNull: false },

location: { type: DataTypes.STRING },

salary: { type: DataTypes.INTEGER },

type: { type: DataTypes.ENUM('Full-Time', 'Part-Time', 'Internship') },

description: { type: DataTypes.TEXT }

});

return Job;

};

**Dbconfig.js**

require('dotenv').config();

module.exports = {

HOST: process.env.DB\_HOST,

USER: process.env.DB\_USER,

PASSWORD: process.env.DB\_PASSWORD,

DB: process.env.DB\_NAME,

dialect: process.env.DB\_DIALECT || "mysql",

};

**Job.controller.js**

const db = require("../models");

const Job = db.jobs;

const Op = db.Sequelize.Op;

exports.createJob = async (req, res) => {

try {

const job = await Job.create(req.body);

res.status(201).json(job);

} catch (err) {

res.status(500).json({ error: err.message });

}

};

exports.getJobs = async (req, res) => {

try {

const where = {};

const { title, location, type, minSalary } = req.query;

if (title) where.title = { [Op.like]: `%${title}%` };

if (location) where.location = location;

if (type) where.type = type;

if (minSalary) where.salary = { [Op.gte]: minSalary };

const jobs = await Job.findAll({ where });

res.json(jobs);

} catch (err) {

res.status(500).json({ error: err.message });

}

};

**Index.js**

const { Sequelize } = require('sequelize');

const dbConfig = require("../config/db.config");

const sequelize = new Sequelize(

dbConfig.DB,

dbConfig.USER,

dbConfig.PASSWORD,

{

host: dbConfig.HOST,

dialect: dbConfig.dialect,

logging: false,

}

);

const db = {};

db.Sequelize = Sequelize;

db.sequelize = sequelize;

db.jobs = require("./job.model")(sequelize, Sequelize);

module.exports = db;

**Server.js**

const express = require("express");

const app = express();

const db = require("./models");

require("dotenv").config();

const PORT = process.env.PORT || 3000;

app.use(express.json());

// Routes

const jobRoutes = require("./routes/job.routes");

app.use("/api", jobRoutes);

app.get("/", (req, res) => {

res.send("Welcome to the Job Search API 🚀");

});

// Connect to DB and start server

db.sequelize.sync().then(() => {

app.listen(PORT, () => {

console.log(`Server is running at http://localhost:${PORT}`);

});

});

**.env**

DB\_HOST=localhost

DB\_USER=root

DB\_PASSWORD=

DB\_NAME=mu\_2425\_test

DB\_DIALECT=mysql

PORT=3001

**OUTPUT :**







