**DigitalJobPortal application**

Added WebSecurityConfigurerAdapter for basic authentication, Currently it will allow all api’s with user and password as test.

Added SwaggerApi for API documentation.

Using gson for pojo conversion(DTO object to Entity and vice versa).

Handled the exception globally by using @ControllerAdvice and added the CustomExceptions like **BusinessException,InvalidCredentialsException,SQLException**.

Added the @Valid to validate the mandatory fields and handle the **MethodArgumentNotValidException** and convert into custom error object.

Added the error messages in the constants class.

DTO objects used for DataTransferObject from controller to service and vice versa.

Created the customrepository by implementing the JPARepository and it having the CRUD operations.

I have implemented some other custom repository have some custom methods.

**Application Localsetup:**

Add company, user role and register user.

Add SkillSet, JobLocation and JobType.

Call jobseekerapi and add JobSeekerProfile by providing education and experience details.

JopOpening to be created by recruiter.

Apply JobApplication by jobseeker using /api/application/apply.

Use searchjobs api to search jobs by skill,locations,companies and min max salaries.

Add Company:

<http://localhost:8080/api/company>

Post:

{

    "companyName":"tcs",

    "headQuarters":"india",

    "description":"test"

}

Add Role

<http://localhost:8080/api/role>

Post:

[{

    "roleName": "jobseeker",

    "roleDescription": "jobseeker"

},

{

    "roleName": "recruiter",

    "roleDescription": "recruiter"

}

]

Register User

<http://localhost:8080/api/register>

 {

       "emailId":"rajesh@gmail.com",

        "emailNotificationAlert": "y",

        "firstName":"rajesh",

        "gender": "male",

        "isActive": "y",

        "lastName": "k",

        "mobileNumber": "9994445810",

        "pwd": "test",

        "registrationDate": "2022-01-26T05:42:03.666Z",

        "role": {

          "id": 1

        },

        "smsNotificationAlert": "y",

        "userImage": "string"

      }

Add Skillset

POST

<http://localhost:8080/api/skillset>

[

    {

    "skillName": "java"

},

{

    "skillName": "angular"

},

    {

    "skillName": "restservice"

},

    {

    "skillName": "soap"

},

    {

    "skillName": "oracle"

}

]

Add JobType

POST

http://localhost:8080/api/jobtype

[

    {

    "jobType":"permanent"

},{

    "jobType":"contract"

},{

    "jobType":"part-time"

}

]

Add JobOpening

POST

http://localhost:8080/api/jobopening

{

  "company": {

    "companyId": 2

  },

  "createdDate": "2022-01-26",

  "isActive": "Y",

  "isCompanyNameHidden": "Y",

  "jobDescription": "Java Developer",

  "jobLocation": [

    {

      "city": "Chennai",

      "country": "India",

      "state": "Tamilnadu",

      "streetAddress": "RamNagar 6th street",

      "zip": "600042"

    }

  ],

  "jobSalary": "1000000",

  "jobType": {

    "jobTypeId": 1

  },

  "skillLevel": 2,

  "skills": [

    {

      "id": 1

    }

  ],

  "user": {

    "id": 2

  }

}

Validation Error:

{

    "errorCode": "101",

    "errorMessage": "Validation failure",

    "errors": {

        "skills": "job skills should not be null/empty",

        "jobLocation": "job location should not be null/empty",

        "company": "Company should not be null/empty",

        "user": "user should not be null/empty"

    }

}

Add job Seeker profile

POST

<http://localhost:8080/api/jobseeker/profile>

{

  "currentCtc": 200000,

   "user": {

        "id":1

      },

  "jobLocation": [

        {

          "city": "chennai",

          "country": "india",

          "jobOpening": {},

          "state": "tamilnadu",

          "streetAddress": "anna nagar",

          "zip": "639205"

        }

      ],

  "educationDetails": [

    {

      "cgpa": "NA",

      "courseName": "MCA",

      "instituteName": "Mepco",

      "major": "ComputerScience",

      "percentage": "70",

      "completionDate":"2008-05-05"

    }

  ],

  "expectedCtc": 2500000,

  "experinceDetails": [

    {

      "companyName": "cts",

      "currentJob": **true**,

      "description": "cts",

      "jobLocationCity": "chenni",

      "jobLocationCountry": "test",

      "jobLocationState": "t",

      "jobTitle": "test"

    }

  ],

  "immediateJoiner": 0,

  "lastWorkingDay": "2022-01-25T19:13:11.633Z",

  "noticePeriod": 60,

  "offerInHandCmpName": 0,

  "skills": [

    {"id":3},

     {"id":4}

  ],

  "verificationCode": 10,

  "verified": **true**,

  "workEx": 10

}

Create Job Application

POST

<http://localhost:8080/api/application/apply>

{

    "interviewAccepted": **true**,

  "interviewFlag": **true**,

  "interviewLocation": "string",

  "interviewTime": "2022-01-27",

  "jobOpening": {

    "company": {

      "companyId": 1

    },

    "createdDate": "2022-01-27",

    "isActive": "Y",

    "isCompanyNameHidden": "Y",

    "jobDescription": "string",

    "jobLocation": [

      {

        "jobLocationId": 7

      }

    ],

    "jobOpeningId": 11

    },

    "skillLevel": 1,

    "user": {

      "id": 2

      },

  "jobSeeker": {

  "jobseekerId": 1

  },

  "resume": **true**,

  "resumePath": "string",

  "state": 0

}

SearchJobs

GET

<http://localhost:8080/api/searchjobs?locations=chennai&searchSkills=angular,java&companies=tcs&min=50000&max=1000000>

[

    {

        "jobDescription": "Java Developer",

        "jobSalary": "1000000",

        "skillLevel": **null**,

        "companyName": "tcs",

        "skillName": "java",

        "city": "Chennai",

        "state": "Tamilnadu",

        "country": "India"

    }

]