

Job Search Platform - Modules, APIs, and Architecture

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Project Modules

- ▶ **Job Listings Module:** Handles job search and filtering.
- ▶ **User Profiles Module:** Manages user data and profile updates.
- ▶ **Resume Builder Module:** Creates and stores resumes.
- ▶ **Notifications Module:** Sends job alerts to users.
- ▶ **Application Tracking Module:** Tracks job applications.
- ▶ **Interview Scheduling Module:** Allows scheduling interviews.

Project Architecture

Directory Structure:

Project Directory

```
src/  main/  java/      JobSearchPlatform/  
JobController/      JobModel/  
JobRepository/      JobService/  
JobSearchPlatformApplication.java  resources/  
static/
```

Job Listings Module API Endpoints

- ▶ **Test Endpoint:** GET /api/jobs/test
- ▶ **Search Jobs:** GET /api/jobs/search
 - ▶ Query Parameters: title, company, location, etc.
- ▶ **Create Job Listing:** POST /api/jobs

User Profiles Module API Endpoints

- ▶ **Get All Profiles:** GET /profiles
- ▶ **Create Profile:** POST /profiles
- ▶ **Get Profile by ID:** GET /profiles/{id}
- ▶ **Delete Profile:** DELETE /profiles/{id}

Resume Builder Module API Endpoints

- ▶ **Create or Update Resume:** POST /resumes
- ▶ **Get Resume by Profile ID:** GET /resumes/{profileId}
- ▶ **Delete Resume:** DELETE /resumes/{id}

Notifications Module API Endpoints

- ▶ **Send Notification:** POST /notifications
- ▶ **Get Notifications by Profile ID:** GET
/notifications/{profileId}
- ▶ **Mark Notification as Read:** PUT
/notifications/{notificationId}/read

Application Tracking Module API Endpoints

- ▶ **Create Job Application:** POST /api/job-applications
- ▶ **Get Job Application by ID:** GET
/api/job-applications/{id}
- ▶ **Get Applications by Profile ID:** GET
/api/job-applications/profile/{profileId}

Interview Scheduling Module API Endpoints

- ▶ **Schedule Interview:** POST /api/interview-schedules
- ▶ **Get All Schedules:** GET /api/interview-schedules
- ▶ **Get Schedule by ID:** GET
/api/interview-schedules/{id}
- ▶ **Update Schedule:** PUT /api/interview-schedules/{id}
- ▶ **Delete Schedule:** DELETE
/api/interview-schedules/{id}

Thank You!