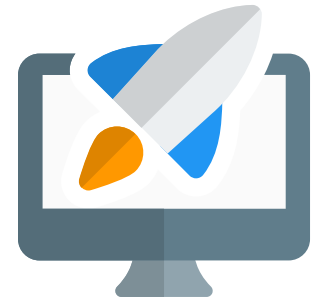# Enterprise Job Portal

This project is about a user-friendly, standardized digital platform for one of a European country's Government Job portal. It facilitates seamless collaboration with customized roles like Employment Services Officer, Jobseeker, Employer and more.

About client :

Client is a key government entity in one of the European countries, dedicated to producing national employment. The client operates a comprehensive job portal, strategically posting a diverse array of job opportunities across different states.

BUSINESS REQUIREMENTS :

The client wants to develop a solution where job seekers can find jobs, employers can create jobs, and authorized users can manage delegation, approval, payment, etc.

Users should be able to create accounts as job seekers or employers.

Job seekers and employers should have the ability to create and manage their profiles.

The system should support the creation and management of company profiles, specifically designed for employers and admin users.

The platform must include fields for detailed job descriptions, requirements, and application instructions. Additionally, it should provide options for promoting jobs to enhance visibility.

Benefits Delivered :

- Scalability and integration
- Agility
- Customer satisfaction
- Better disaster recovery
- Better performance even in peak hours
- High availability
- Environmental Sustainability

KEY FEATURES :

➡ Implemented the functionality to allow job seekers and employers to create accounts on the job portal.

➡ Implemented importing users from the Azure active directory facility.

➡ An admin panel was introduced to manage company-related things like users, different settings, roles, and payments.

➡ Implemented the front end using React to enhance the user experience on the job portal.

➡ Used OOTB entities to store the data for users, teams, and categories

➡ The global search was implemented to search the data.

➡ Implemented detailed profiles featuring information such as education, work experience, skills, and contact details on the job portal.

➡ Implemented advanced search options, empowering users to filter jobs based on location, industry, job type, salary range, and other criteria on the job portal.

KEY FEATURES :

→ Developed a notification system for updates on job applications, new job postings, etc.

→ In order to have efficient content management, a multi-level complex workflow was designed. The same workflow was used for custom entities.

→ Implemented JSON-WS to expose data to the web.

- Job applicants can retrieve their submissions in both PDF and ZIP formats

- User data is imported into the portal from the Azure Active Directory

- Schedulers were utilized for updating and managing the expiration of job post statuses, payment statuses, and other relevant processes

- Implementation includes security measures to safeguard sensitive data, especially during data imports from external sources like Azure Active Directory and Payment.

💡 SOLUTION/TECHNOLOGY USES:

1

Liferay DXP 7.4.13 :

- Developed custom entities with workflow and indexers.
- Expose the content to the various channels using JSONWS.
- Configure SOAP

2

Elastic Search:

Used to improve performance.

3

SOAP:

- SMS service.
- Email service.
- Payment, Refund, and Transaction service.
- Get picklist data.
- Upload and get file data

4

MySQL:

Multi-Node MySQL was used as the database for the Liferay portal.

5

Service Builder:

Persist and fetch custom data.

6

Microsoft Azure:

We have integrated the Microsoft Azure API to get active directory users.

7

React JS:

Used as a web application's front end.

8

SAML:

Used to enable Single Sign-On (SSO) authentication and authorization between different systems or applications

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Thank You