

Job Search Tracker

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Description

Job seekers often apply to a large number of jobs and over time lose track of their applications. Job Search Tracker aims to help job seekers maintain relevant information to their job search in one place.



Features

- User authentication
- User can add, update, delete job listings and relevant info
- User can search and list job listings they've added



Planning - User Stories

When I did job search in the past, I used spreadsheets to track my applications. While spreadsheets are adequate, they don't provide good UI/UX.

This application offers better user experience.

Additional features will be added in the future to accommodate more Job search needs.



Planning - Database

- Users are at the center of the application.
- Job listings are associated with each registered user.
- Contacts have a many-to-many relationship to job listings. A recruiter may be responsible for job openings. A job opening may also be managed by multiple people – recruiters, hiring managers, etc.



Technology Stack

- Java 11
- Spring Boot / Hibernate
- Thymeleaf
- MySQL
- Spring Security / OAuth2
- Bootstrap



Demo



What I Learned

- Wireframe and user story creation
- Spring Security / OAuth2 / Remember-Me
- Bootstrap / HTML / CSS for desired UI



What's Next

- Allow users to add/view/edit to track appointments for interviews
- Improve Java class and field designs
- Enforce more rigorous input validation and sanitization
- Incorporate 2-factor authentication (tentative)
- Implement Angular frontend and improve UI
- Deploy application on a cloud platform

