

User Interface and Experience

Project Title: Job Application Tracker: A Smart Website to Manage Job Applications, Interviews, and Offers

Description: The Job Application Tracker is a web-based application that helps users to easily manage and track their job search process. It provides one location for tracking information such as job applications, interview dates, application status, links to job offers, and more. The software reduces the stress of job hunting by providing a configurable and organized platform, allowing users to input and follow the status of each application, interview, and offer in one handy location.

Designed by: Natalia Rumbuc

Designed in: Figma

Device: Macbook Pro 14”

The website will consist of three pages: *Dashboard*, *Interview* and *Login/Register*.




Dashboard

This is the main and most important page of the website. Here, users can track their job applications. For new users, the page will initially show a form to input the following details: *Company Name*, *Interview Date*, *Status*, *Application Link*, and *Notes*.

- **Company Name:** Users can type the name of the company they have applied to or plan to apply to.
- **Interview Date:** Users can input the interview date in the US format (MM/DD/YYYY).
- **Status:** Users can choose from three status options:
 - Applied: The application has been submitted.
 - Pending: The application is still in progress and has not been submitted yet.
 - Rejected: The application was rejected by the company.
- **Application Link:** Users can provide the URL to the job application.
- **Notes:** Users can add any important information or questions they may have.

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Company Name

Interview Date

Status

Application Link

Notes

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For registered users who have already entered data, the *Dashboard* will display information about their applied/pending/rejected applications. Each job application will appear in a bar format, showing key details such as the *Company Name*, *Interview Date*, *Status*, *Application Link*, and *Notes*.


- **Company Name:** Users can type the name of the company they have applied to or plan to apply to.
- **Interview Date:** Users can input the interview date in the US format (MM/DD/YYYY).
- **Status:** Users can choose from three status options:
 - Applied: The application has been submitted.
 - Pending: The application is still in progress and has not been submitted yet.
 - Rejected: The application was rejected by the company.
- **Application Link:** Users can provide the URL to the job application.
- **Notes:** Users can add any important information or questions they may have.

If an application is no longer relevant, users can easily remove it from the *Dashboard* by clicking the **X** button on the right side of the bar.

- **X:** Click to remove an unnecessary application from the Dashboard.

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Company Name	Interview Date	Status	Application Link	Notes
Amazon	10/15/2024	Applied	https://github.com	Important information


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The *Header* is designed to provide quick access to key sections of the website and ensure a smooth user experience. It remains visible at the top of every page, allowing users to navigate efficiently. The header consists of the following elements:

- **Logo:**
 - The logo, labeled **JobTrak**, is positioned on the left side of the header.
- **Page Names:**
 - **Dashboard:** Main page, where they can manage and track their job applications.
 - **Interview:** This link directs users to a page where they can view the most common interview questions based on each company.
- **Log In/Register:**
 - This section shows a button: **Log In**, which redirects users to the appropriate pages for authentication.

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The *Footer* is designed to provide essential links and information, ensuring users can easily access key resources and contact details from any page. It appears at the bottom of every page and remains consistent across the website. The footer enhances navigation and offers quick access to important sections of the site:

- **Company Information:**
 - This section contains basic details about **JobTrak**, such as a short company description.
- **Navigation Links:**
 - Quick links to important pages such as:
 - **Interview:** Link to the Interview page with interview questions.
 - **Dashboard:** Link to the Dashboard page for managing job applications.
 - **Contact Us:** Provides contact details.
- **Copyright Information:**
 - A small text section at the very bottom indicating the year and the company's name, ensuring that all content is protected under copyright law. Example: "© 2024 JobTrak. All rights reserved."

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Company Name

Interview Date

Status

Application Link

Notes

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Job Application Tracker

Manage your job search easily. Track applications, interview dates, and statuses in one organized place.

Contact Us

• Email: support@jobapplicationtracker.com

• Phone: (XXX) XXX-XXXXX

• Address: Baton Rouge, LA 70803

DASHBOARD

INTERVIEW

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Log in

The *login* interface is the first screen users encounter when accessing the Job Application Tracker. It features fields for email and password input, options to remember the user, a "Forgot Password?" link.

- **Main Components:**

1. **Email Field:** Accepts the user's email address.
2. **Password Field:** Accepts the user's password.
3. **Remember Me Checkbox:** Option for users to stay logged in.
4. **Forgot Password? Link:** Users will get email to recover password.
5. **Login Button:** Submits credentials for authentication.

User Flow:

1. The user enters their credentials.
2. The system verifies the email and password. If correct, the user is directed to their dashboard. If incorrect, an error message appears.

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A clean, minimalist login form with a light gray border. At the top, the word "LOGIN" is centered in a large, thin, black font. Below it are two input fields: "Email" and "Password", each with a thin gray border and a small gray label above it. Under the "Email" field is a checkbox with the text "Remember me" to its right. To the right of the checkbox is a blue link that says "Forgot Password?". Below these elements is a dark gray rounded rectangle button with the text "LOG IN" in white. At the bottom of the form, it says "Don't have an account? Register" where "Register" is in red.

Register

The registration interface allows new users to create an account. It features fields for email, password, and confirm password..

- **Main Components:**

1. **Email Field:** Input field for the user's email address.
2. **Password Field:** Input for creating a password.
3. **Confirm Password Field:** Ensures the user types their password correctly.
4. **Register Button:** Submits the form to create an account.

User Flow:

1. The user enters their email and creates a password.
2. Upon clicking **Register**, the system validates the information. If successful, the user is redirected to the login page.

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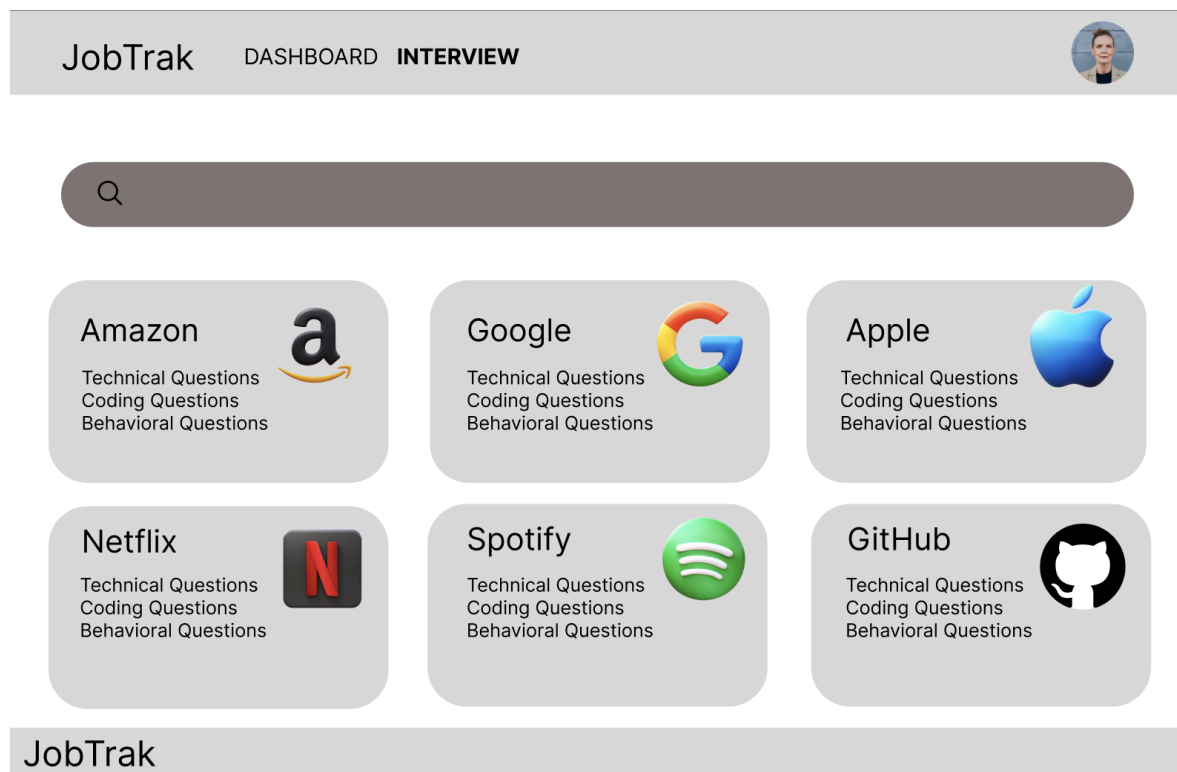
A mockup of a registration form titled "REGISTER" in a light gray font. The form contains three input fields labeled "Email", "Password", and "Confirm Password" in a small, light gray font. Below the fields is a dark gray button with the word "REGISTER" in white. To the right of the form is a line-art icon of a document with a profile picture placeholder, a list of items, and a teal circle with a white checkmark in the top right corner.

Interview

The *Interview* page helps users easily find interview questions from various companies. Users can search for specific companies or scroll through a list to access technical, coding, and behavioral interview questions. The most common questions for each company are displayed, categorized by type.

- **Main Components:**


1. **Search Bar:** Located at the top of the page, the search bar allows users to quickly look up a company if they don't want to scroll through the entire list.
2. **Company List:** A list of companies with a logo of each company.
3. **Interview Categories:**
 - **Technical Questions:** Common technical interview questions asked by the company.
 - **Coding Questions:** Popular coding challenges or problems the company often asks.
 - **Behavioral Questions:** Typical behavioral interview questions to assess soft skills and cultural fit.
4. **Scroll Functionality:** Users can scroll down to find their company manually, with smooth scrolling implemented for better user experience.




After selecting a specific company, the user will see common interview questions categorized into three sections: Technical, Coding, and Behavioral. Once the user finishes reading or answering the questions, they can click the "X" at the top-right corner of the displayed company page. This action will return the user to the previous page, where companies are listed.

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Amazon

X

Technical Questions

1. Data Structures and Algorithms

- Explain the difference between a stack and a queue.
 - Answer: A stack follows the Last-In-First-Out (LIFO) principle, meaning the last element added is the first to be removed. Operations like push and pop are done on the same end (top). A queue, on the other hand, follows First-In-First-Out (FIFO), where the first element added is the first to be removed. Operations like enqueue and dequeue happen on opposite ends.
- How does a binary search work?
 - Answer: Binary search works on sorted arrays by repeatedly dividing the search space in half. Starting with the middle element, if the target value is smaller, it searches the left half; if larger, it searches the right half. The process repeats until the target is found or the search space is exhausted. Its time complexity is $O(\log n)$.

Behavioral Questions

1. Ownership

- Question: Tell me about a time when you took ownership of a project.

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