🎯 NextRound

Group ProDUCKtive

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General Overview

With COVID-19 and job recruitment transitioning over to the Internet, managing job applications and their progress has become much more stressful. Remembering which positions you have applied for, monitoring upcoming events, and tracking your application progress can easily pile up and become overwhelming if not well managed. Additionally, many employees want to maintain a competitive salary and consequently re-enter the hiring cycle as short as every two to three years. NextRound will help users manage, organize, and evaluate their job applications per cycle.

NextRound will provide four main features. Job application tracking where users will be able to view a timeline of their current and past applications, denoting when an application started and when each interview round took place for example. This timeline includes a progress bar and tracking for estimated job application completion as well as general information pertaining to the application. This general information consists of recruiter contact info, info about jobs, and date applied. Users of NextRound will also be able to see the deadline to apply to chosen companies as well as compare offers and see the deadline to accept or deny these offers. NextRound will also offer analytics to keep track of the number of applications submitted, offers received, and offers denied which will provide users a way to analyze past application cycles. Additionally, users will be able to post their accepted job offers for others to see along with your analytics. Our web application will aid users to stand out amongst the crowd during the job hiring process.

Course Technologies

1. Firebase Auth
   - Firebase authentication is a framework used to build secure authentication systems whilst improving the user's sign in experience. Our team will be using the Firebase authentication system to authenticate users for our web application specifically via email/password, Google, and LinkedIn login.
2. React
   - React is a user interface library used to build UI components. Our team will be using React to build a single page web application and to create composable UI elements to use on our web application.
3. TypeScript

- TypeScript is a strongly typed programming language that builds on JavaScript. Our team will be using TypeScript to make our code more reliable and easier to refactor.

Independent Technologies

1. ImageMagick
   - ImageMagick is a library used to display, create, convert, modify, and edit raster images. Our team will be using ImageMagick to resize and compress user uploaded images before uploading them as the user's profile picture on our web application.
2. Docker
   - Docker is a containerization platform that enables developers to package applications into containers so that it can run in any environment. Using Docker will provide the team with a consistent and highly portable development environment for our complex web application project.

GitHub Repo

https://github.com/roccopolimen/nextround