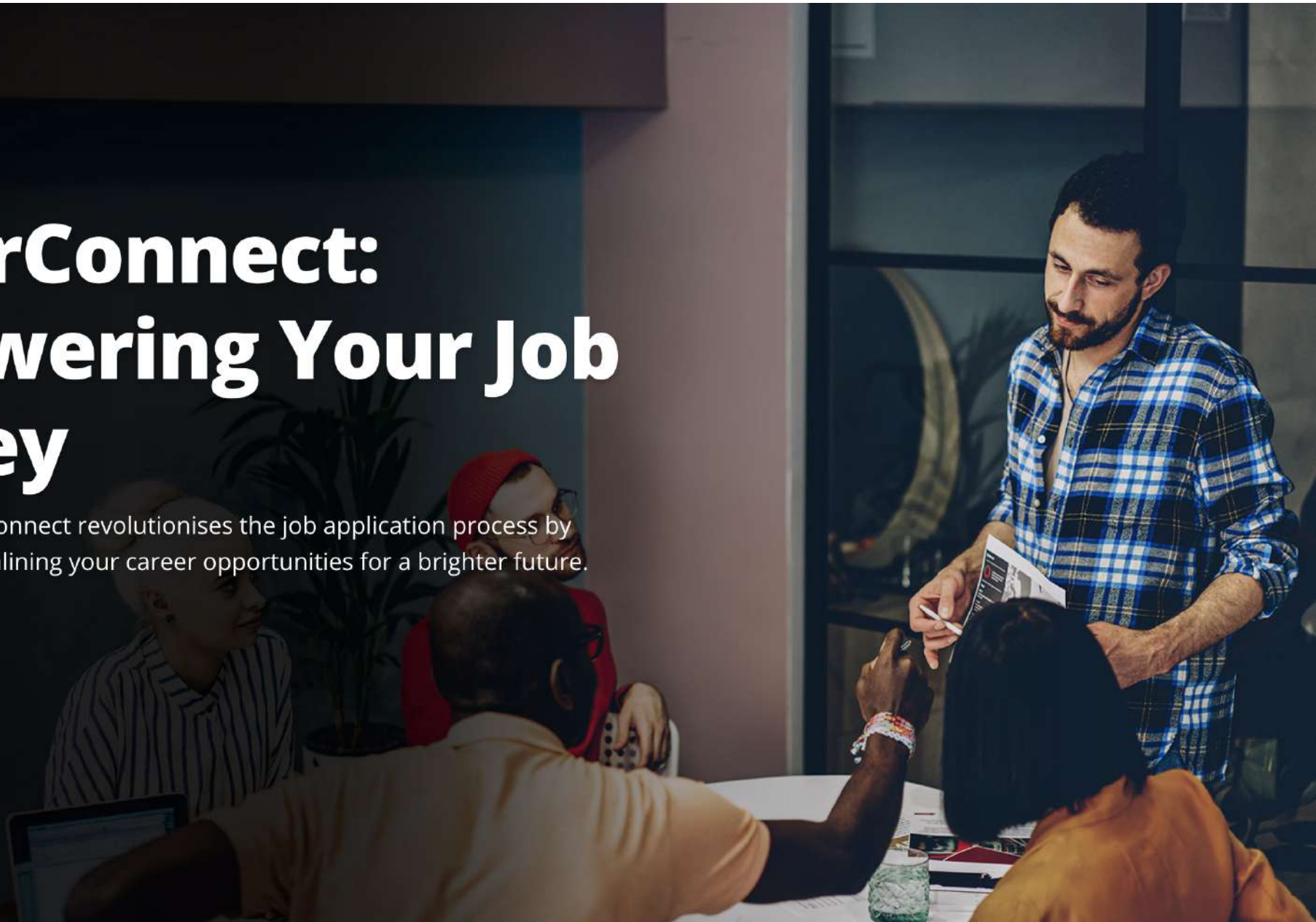# CareerConnect: Empowering Your Job Journey

Discover how CareerConnect revolutionises the job application process by simplifying and streamlining your career opportunities for a brighter future.

Harini A

Presenter

CareerConnect: Your Job Search Companion

Explore job opportunities effortlessly

Simplified Job Search

CareerConnect streamlines the job search process, making it easier for users to find opportunities.

Personalized Recommendations

The platform provides tailored job suggestions based on user profiles and preferences.

Detailed Job Information

Users can view comprehensive details about each job, including requirements and benefits.

Seamless Application Process

CareerConnect allows users to apply for jobs directly through the platform without hassle.

Comprehensive Overview of Tech Stack

Exploring the Key Technologies Used

Frontend Technologies

Utilises Angular and TypeScript for interactive web applications, combined with HTML and CSS for structure and styling.

Backend Framework

Employs JSON Server to simulate a backend for API testing and development, using mock data effectively.

API Testing Tool

Postman is used for seamless API testing, enabling developers to validate endpoints and responses.

Development Environment

Visual Studio Code serves as the main code editor, offering powerful features for efficient coding.

Data Storage Approach

Utilises a JSON data structure to store job details and user data, facilitating easy data management.

Essential Features of Our Job Application

Highlighting the Core Functionalities of the App

User Authentication

Secure login and sign-up processes with validation for user safety.

Job Listing with Filters

Easily search job listings by salary or title for tailored results.

Detailed Job Information

A comprehensive view of job descriptions to aid in decision making.

Apply for Jobs

An integrated apply form for seamless and easy job applications.

Protected Routes

Ensures authenticated access to sensitive pages, enhancing security.

Overview of Application Structure

Detailed Breakdown of Key Application Components

✓ **Login Component**

Handles user sign-up and login processes efficiently.

✓ **Menu-bar Component**

Provides seamless navigation throughout the application.

✓ **Home Page**

Offers an overview of all platform features for users.

✓ **Job List Page**

Displays available job listings with various filter options.

✓ **Job Detail Page**

Presents detailed information about each job with an 'Apply Now' button.

✓ **Apply Form Page**

Contains the form for users to submit their job applications.

✓ **About Page**

Provides information about CareerConnect and its mission.

Comprehensive Overview of Services and Models

Understanding the Core Components of Our System

✔ **Auth Service & Auth Guard**

Manages user login status and secures application routes from unauthorised access.

✔ **Job Service**

Facilitates operations related to job data, ensuring efficient data handling and retrieval.

✔ **Job Model**

Defines the data structure for job details, standardising how job information is stored and accessed.

Pipes Implementation Overview

Understanding the Job Filter Pipe Functionality

Introduction to Job Filter Pipe

The Job Filter Pipe is designed to streamline job searches effectively.

Functionality of the Pipe

Filters job listings based on specific criteria like Title and Salary.

Importance of Valid Criteria

Ensures that only valid search criteria yield relevant job results.

Enhanced User Experience

Improves user experience by presenting tailored job options.

Implementation Benefits

Streamlines the job search process, saving time for users.

Impact on Job Search Efficiency

Increases the efficiency of job searches by narrowing down options.

User Interface Considerations

Integrates seamlessly with the user interface for easy access.

Future Enhancements

Potential for adding more filters based on user feedback.

Demo Workflow for Job Application Process

A Stepwise Guide through the Application Process

Step 4: View Job Details and Apply

Users click on job listings to view detailed descriptions and submit their applications directly.

Step 3: Apply Filters for Refined Search
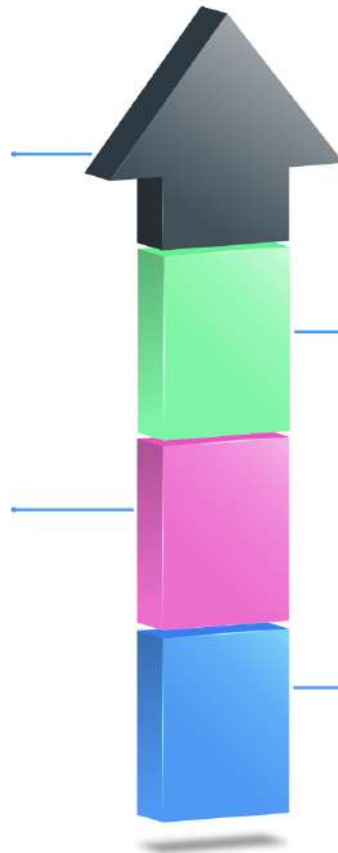
Users can apply various filters such as location, job type, and salary to narrow down job searches.

Step 2: Browse Available Jobs

Users can view a list of available job opportunities tailored to their preferences and qualifications.

Step 1: User Sign-Up & Login

Users create an account and log in to access job listings, ensuring a personalised experience.

Addressing Key Challenges with Effective Solutions

Solutions for Common Technical Challenges

● **Incorrect Job Detail Navigation**

Improved route handling to ensure accurate navigation for job details.

● **Validation Issues in Login Form**

Implemented input validation logic to enhance security and user experience.

● **Styling Inconsistencies**

Enhanced CSS for a consistent and professional appearance across the platform.

Future Enhancements & Conclusion

Enhancements to simplify job searches

User Interface Improvements

Enhancing the user interface with better styling enhances overall user engagement and satisfaction.

Contact Page Addition

Implementing a dedicated contact page will streamline user inquiries and support requests.

Success Message Implementation

Adding a success message upon application confirmation provides users with immediate feedback.

Thank You

I'm open to questions, feedback, and suggestions. Looking forward to your thoughts!

"Learning never exhausts the mind." — *Leonardo da Vinci*