

Project Documentation - My Profile App

1. Overview

The 'My Profile App' is a simple Android application designed to display a user's personal profile. It showcases essential details such as profile picture, name, title, about me section, skills with progress bars, work experience, and contact information. This app demonstrates the use of XML layout design and Android components.

2. Features

- Display profile picture, name, and title.
- About Me section for personal description.
- Skills with progress indicators (Java, Spring, Kotlin).
- Experience timeline with job details.
- Contact information (email & phone).
- Responsive and scrollable layout.

3. Architecture / Design

The app follows a basic architecture using XML for UI design and a single Activity class ('MainActivity'). The UI is implemented with a 'ScrollView' containing a vertical 'LinearLayout'. Each section is represented using 'TextView', 'ImageView', and 'ProgressBar' components.

4. Technologies & Libraries Used

- Programming Language: Kotlin
- UI Design: XML Layout
- Framework: Android SDK (AppCompatActivity)
- Widgets: ScrollView, LinearLayout, TextView, ImageView, ProgressBar

5. Code Structure

The project consists of two main parts:

1. ****XML Layout ('activity_main.xml')**** – Defines the UI elements such as profile picture, text fields, skills with progress bars, and contact info.
2. ****MainActivity.kt**** – Loads the XML layout and acts as the entry point of the application.

6. Future Enhancements

- Add dynamic data loading from database or API.
- Include edit functionality for profile details.
- Add social media links section.
- Improve UI with Material Design components.

7. Screenshots :

