

FLUTTER FINAL ASSIGNMENT



"JobFinder: A Smart Job Search & Recruitment App"

Developed by [THASARATHA PRANAV K]



INTRODUCTION



This Flutter- based mobile application provides job seekers a platform to find and save job listings, authenticate via Firebase, and access multilingual support.

FEATURES



1, User
authentication
(Firebase Auth)

2, Job listings
fetched from
Remotive API

3, Local
database for
saved jobs
(SQLite)

4, Multi-
language
support
(Localization)

5, Interactive UI
with animations
and gestures



TECHNOLOGIES USED

Flutter for Frontend

Firebase for Authentication & Database

SQLite for Local Job Storage

REST API (Remotive API for job listings)

Dart programming language



CODE IMPLEMENTATION

JobCard Widget: Displays job details & save option

Firebase Authentication: User login/signup

SQLite Integration: Local database for saved jobs

Localization Setup: Supports multiple languages(Tamil,English,Spanish).



CHALLENGES & SOLUTIONS

Handling API Latency: Implemented async-await calls

Managing Firebase Authentication: Used FirebaseAuth SDK

Supporting Multiple Languages: Created JSON files for localization



FUTURE ENHANCEMENTS

Implement AI-powered job
recommendations

Add push notifications for new job alerts

Enhance UI with better animations

CONCLUSION

This project demonstrates a well-structured Flutter app with API integration, Firebase authentication, local database storage, and multilingual support.

SCREENSHOTS

Android Emulator - Medium_Phone_API_36:5554

2:32

← JobPortal

Sign Up

Full Name

Email

Password

Sign Up

Already have an account? Login

**Signing in the jobFinder app.
It will ask the following:**

- 1, Name**
- 2, E-mail**
- 3, Password**

Android Emulator - Medium_Phone_API_36:5554

2:34

← JobPortal

Sign Up

Full Name
THASARATHA PRANAV K

Email
pranav05102003@gmail.com

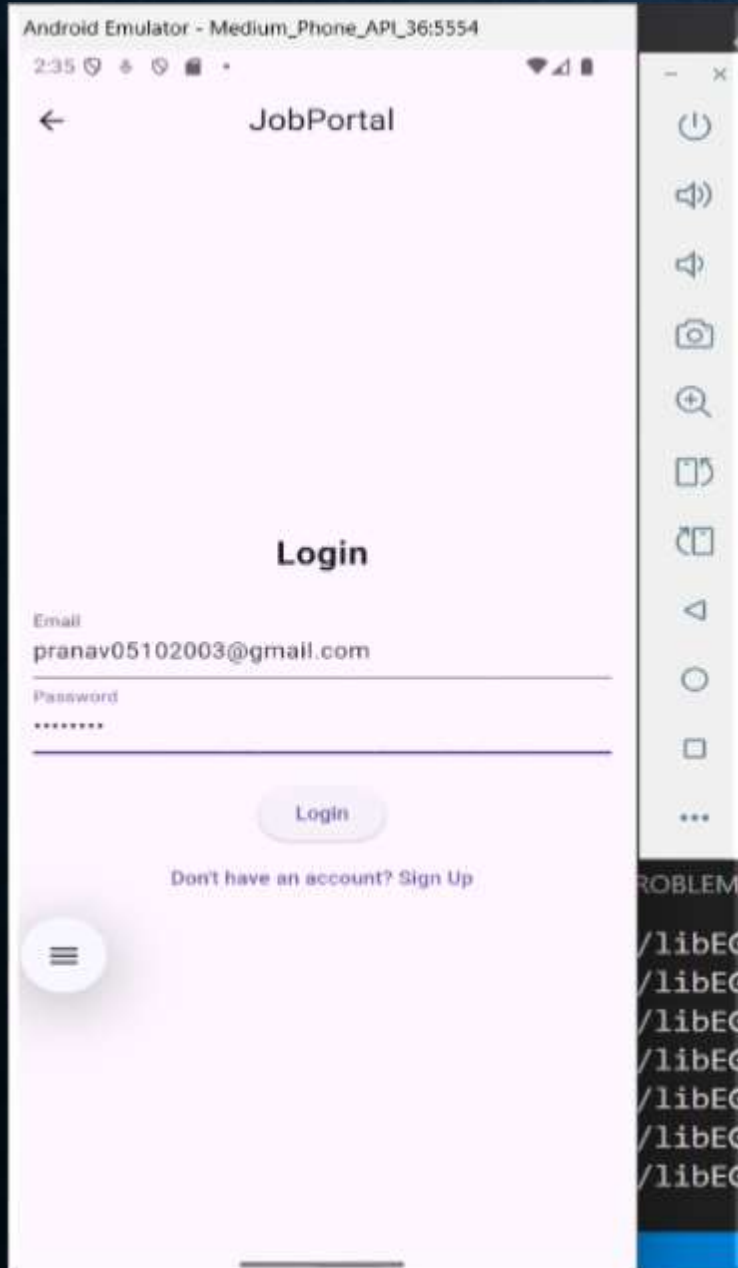
Password

Sign Up

Already have an account? Login

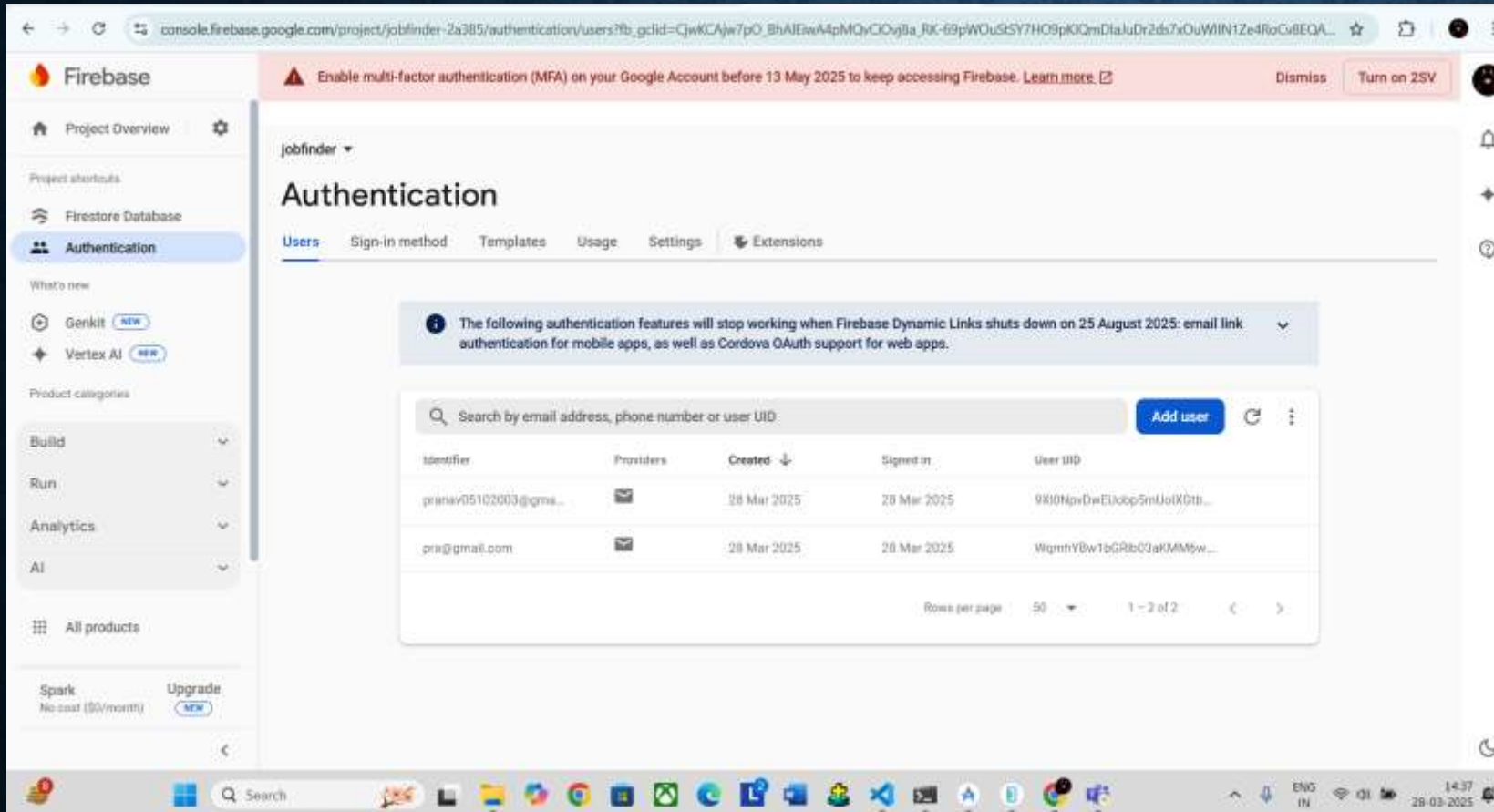
☰

SCREENSHOTS



- ✓ **After creating the account it will redirect to the login page.**
- ✓ **The user can login using the credentials.**
- ✓ **It includes:**
 - 1, E-mail**
 - 2, Password**

SCREENSHOTS



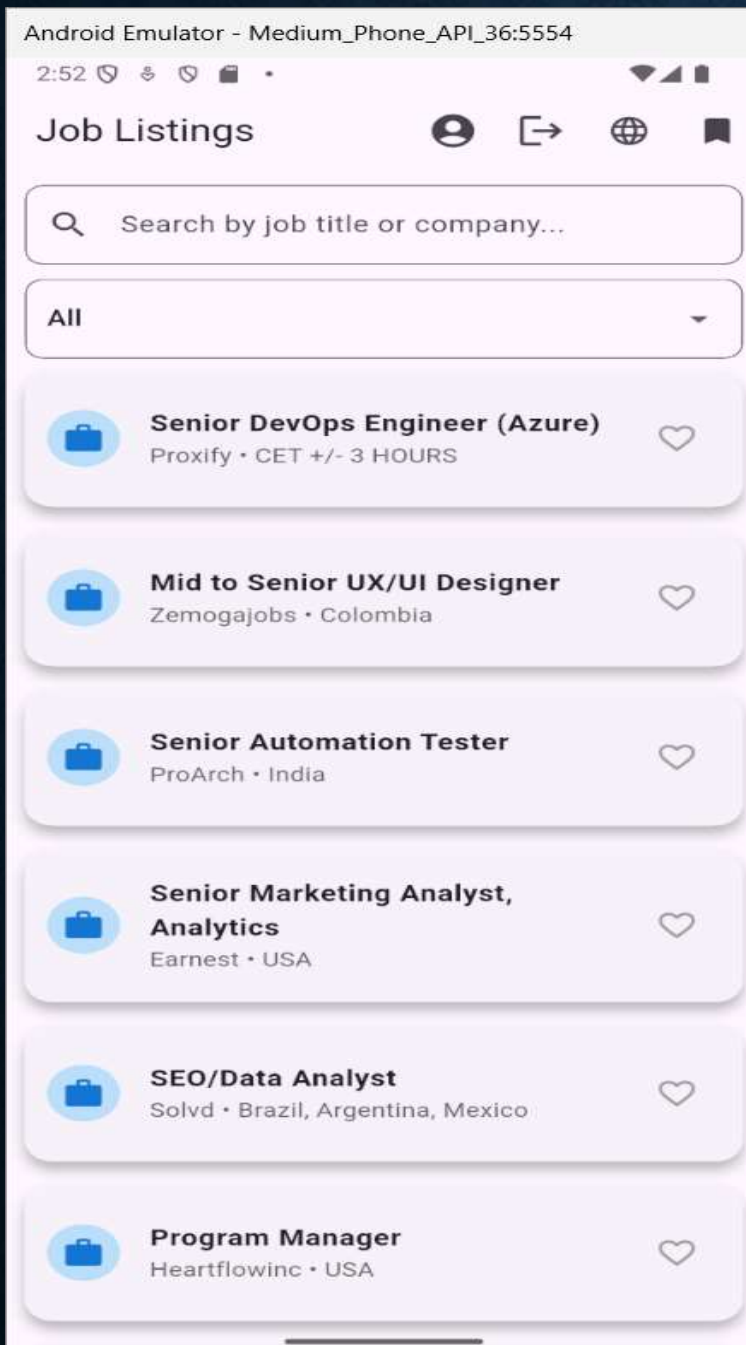
➤ **I have created a Firestore database named jobFinder.**

➤ **In that I have enabled the signup method.**

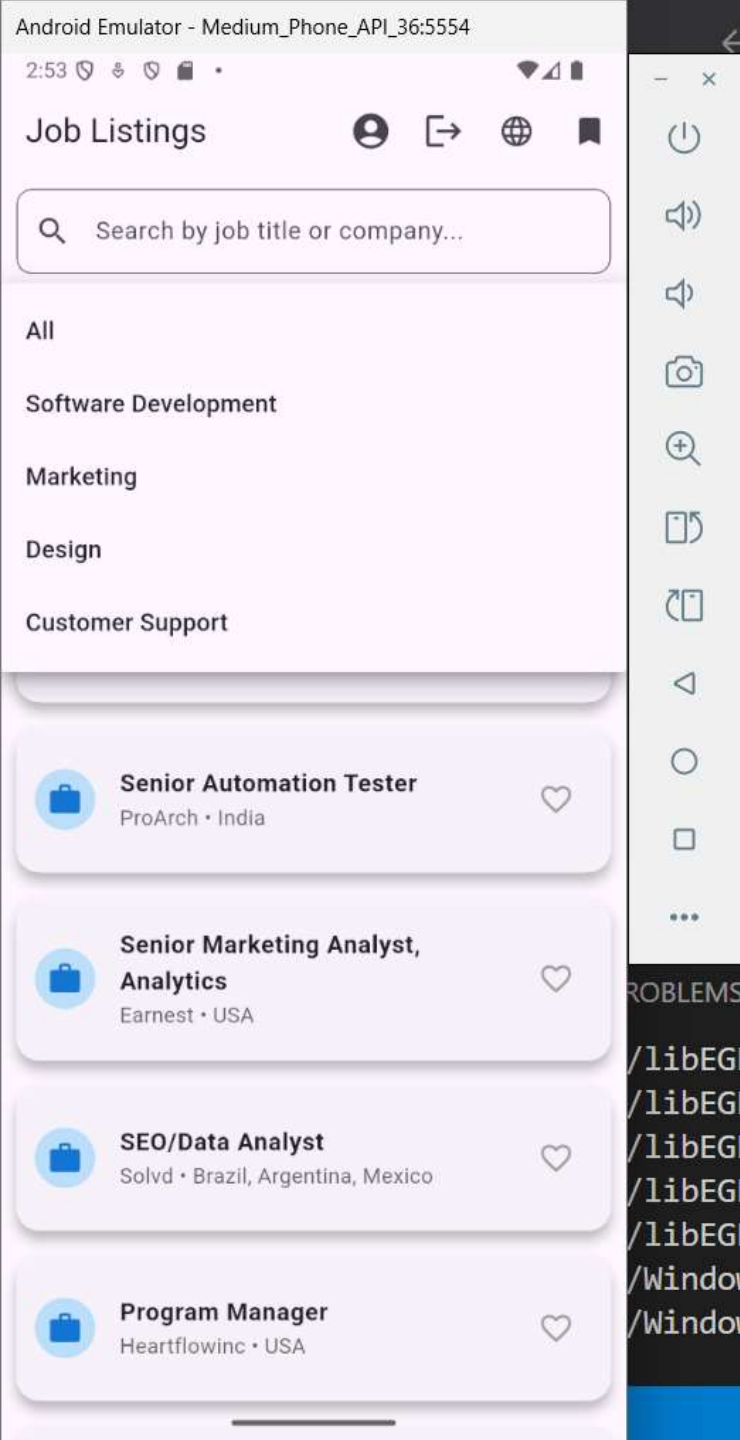
➤ **If the user sign up in the app the data will be stored here.**

➤ **If user login then it will authenticate the e-mail and password if it is correct the home screen page opens.**

SCREENSHOTS

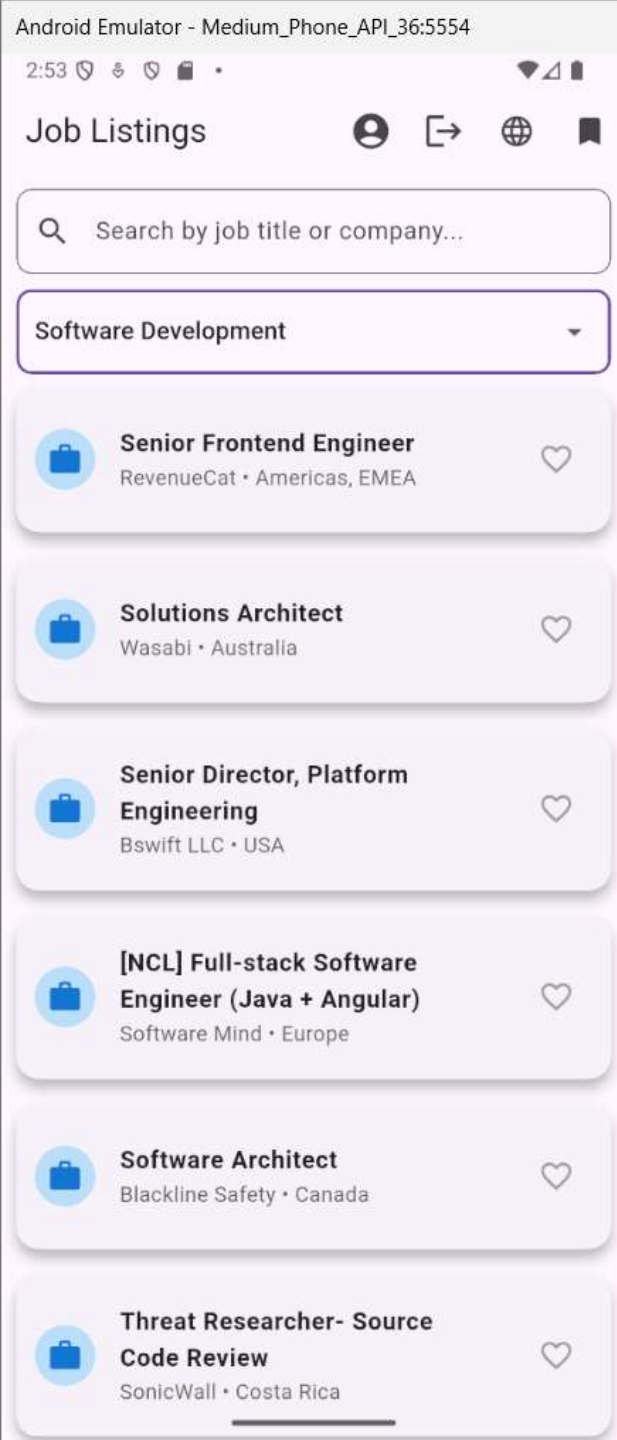


- ❑ When the user login to the app the home page will be displayed.
- ❑ Here using API we are fetching data and listing.



SCREENSHOTS

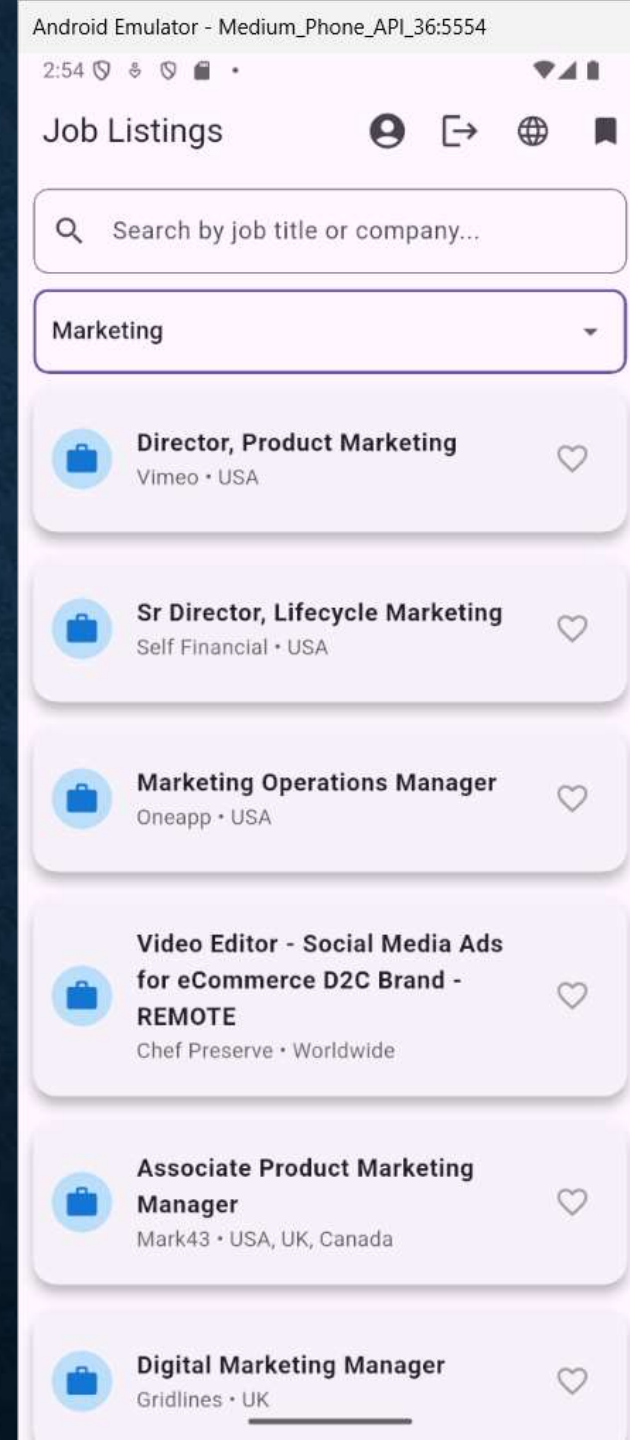
❖ We can able to sort the job listing according to our needs.

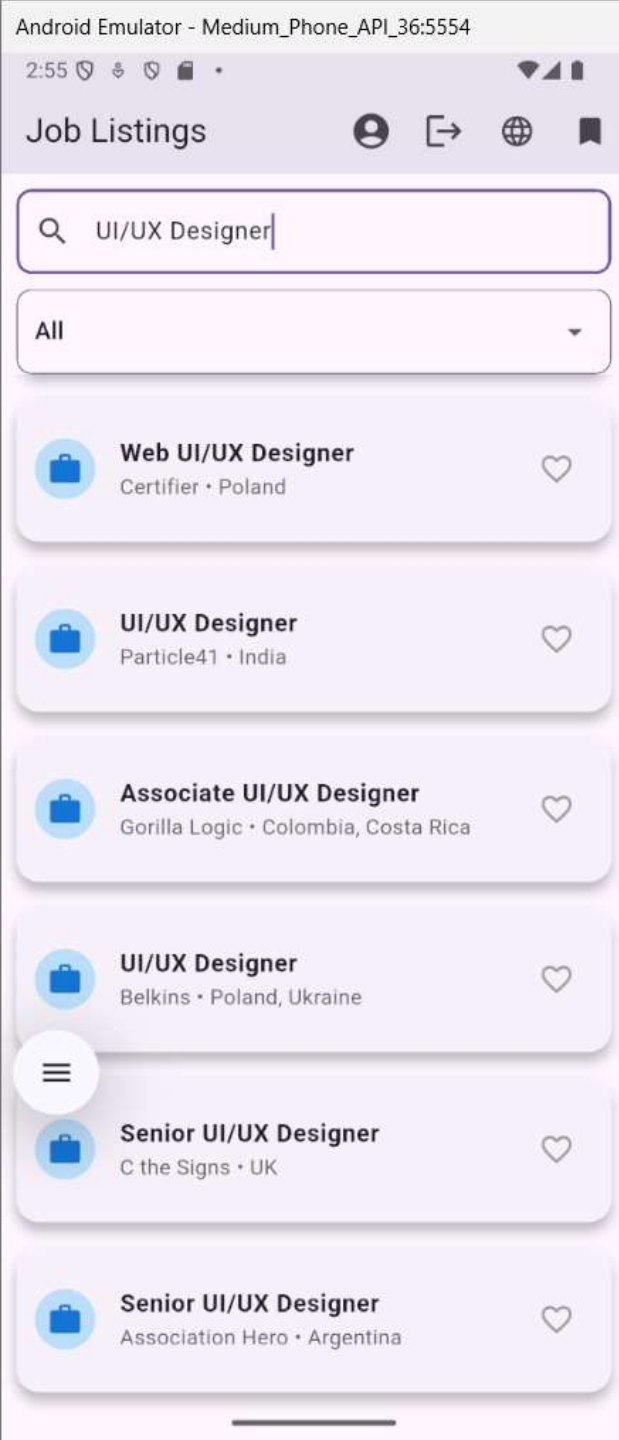


SCREENSHOTS

→ Here I have sorted according to Software development.

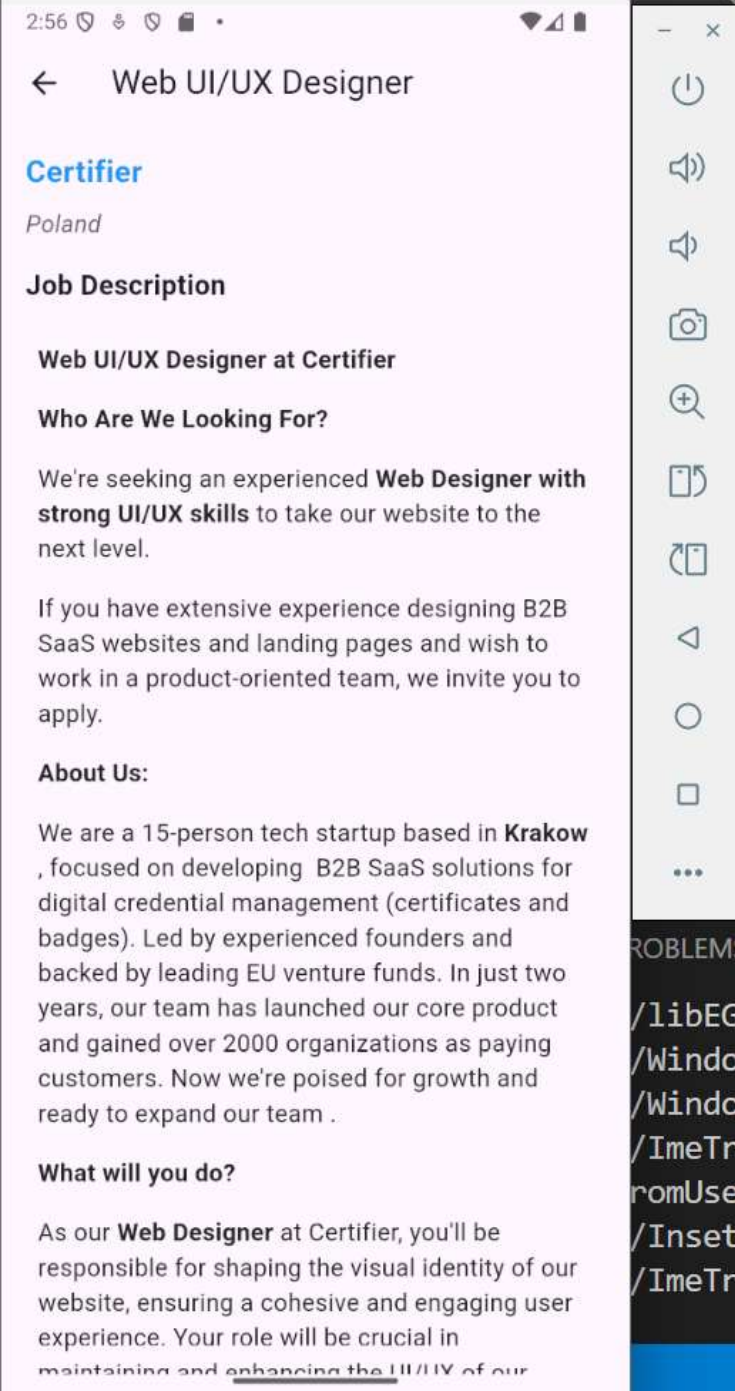
Here I have sorted according to Marketing. →



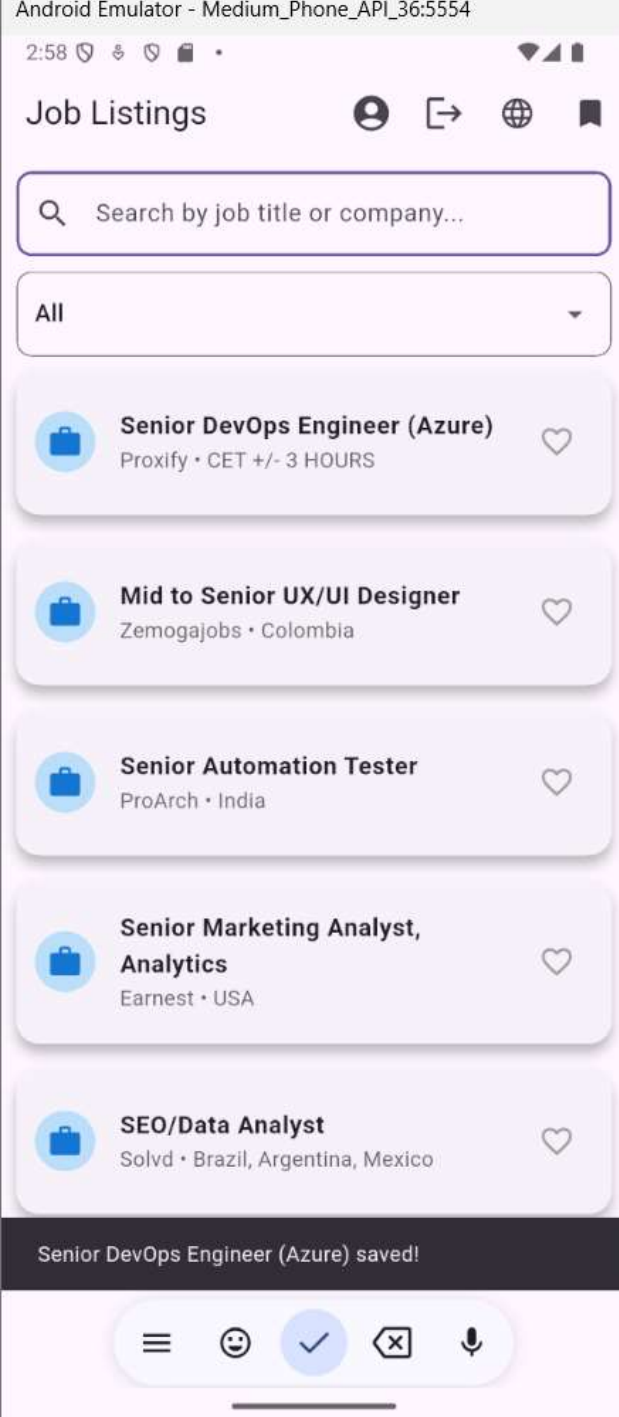


SCREENSHOTS

- **We can able to search the job whatever we want.**

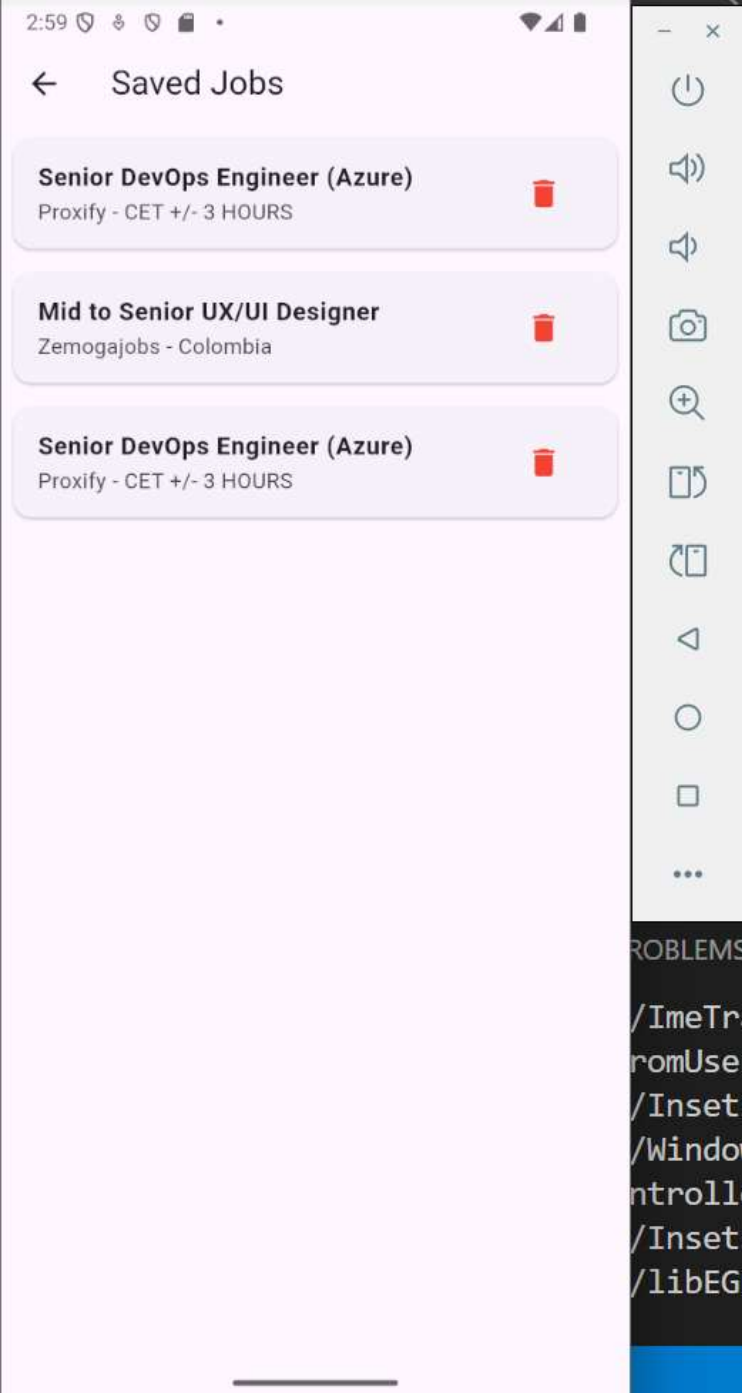


✓ This is the job description and the information about the company will be displayed in each and every job that we click.



SCREENSHOTS

- If we click the heart icon the job will be stored into the database. Here I clicked the Senior DevOps Engineer (Azure) it shows a popup that it is saved.
- The save button in the top right will hover to saved jobs page when it is clicked.



SCREENSHOTS

➤ The Saved jobs will be listed here.



← Profile



Name: THASARATHA PRANAV K

Email: pranav05102003@gmail.com

Back to Jobs

SCREENSHOTS

➤ **This is a Profile page where the logged in user details will be displayed.**

**Senior DevOps Engineer (Azure)**

Proxify • CET +/- 3 HOURS

**Mid to Senior UX/UI Designer**

Zemogajobs • Colombia

**Senior Automation Tester**

ProArch • India

**Senior Marketing Analyst,
Analytics**

Earnest • USA

**SEO/Data Analyst**

Solvd • Brazil, Argentina, Mexico

**Program Manager**

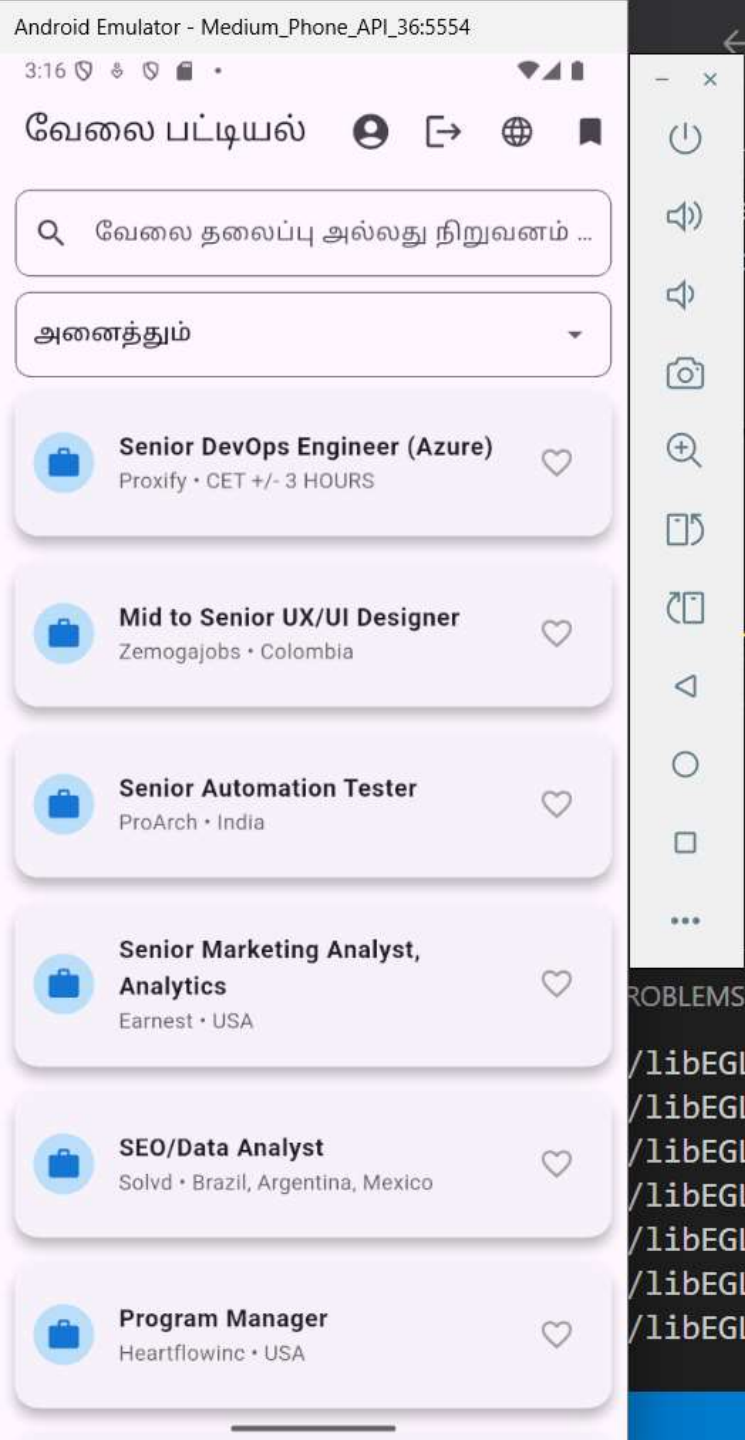
Heartflowinc • USA



SCREENSHOTS

Localization implementation for this a language switch button placed if we click any language clicked then it will be changed according to it.

Here it is changed to **Spanish**.



SCREENSHOTS

Here it is changed to தமிழ்.



THANK YOU