Cengizhan ERTURAN

Flutter & Android Developer

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I am a mobile application developer specializing in Flutter, and I have been actively involved in Flutter projects for quite some time. Currently, I am also working on Android development to gain a deeper understanding of the overall structure of mobile applications.

In my Flutter projects, I often use GetX for state management, but I am also proficient in other state management tools. Additionally, I work with Firebase, Restful APIs, WebSocket, and third-party libraries, adhering to clean code principles.

In my Kotlin projects, I primarily use MVVM architecture, XML, Compose, Retrofit, Coroutines, RxJava, Dagger Hilt, LiveData, Kotlin Flows, Navigation, Firebase, Room, DataBinding, ViewBinding and various third-party libraries.

I am someone who is continuously improving in the mobile field, enjoys researching, keeps up with current technologies, has strong communication skills, and thrives in a team-oriented environment.

Additional links

Linkedin: linkedin.com/in/cengizhanerturan/
Github: github.com/cengizhanerturan/
Portfolio: cengizhanerturan.github.io/

Education

Jun 2021   **Open Education: Web Design And Coding**
Anadolu University - Eskişehir, Turkey

Jun 2020   **Bachelor's Degree: Mathematics**
Duzce University - Duzce, Turkey

Work History

Dec 2022 - Current   **Flutter Developer - Team Lead**

RSS Interactive, Bolu

I am actively involved in the development of 14 finance applications. You can review the technologies and libraries I have used below.

• Implemented state management using Getx.
• Leveraged Firebase technologies, including Firestore, Authentication, Cloud Messaging, Cloud Functions, Storage, Remote Config, Crashlytics and Analytics.
• A sophisticated notification service was developed using Node.js for FCM notifications, in conjunction with Firebase Cloud Functions.
• WebSocket and Socket.IO were employed to facilitate real-time price data streaming.

To examine the applications I am working on, you can take a look at the applications available in RSS Interactive's AppStore and Play Store accounts.

Google Play URL: https://play.google.com/store/apps/dev?id=8258531430322516207
App Store URL: https://apps.apple.com/tr/developer/rss-interactive/id1501950235

Jan 2021 Dec 2022

Flutter Developer

Devasa Bilişim, Bolu

During this period, I took part in the development of 3 "Crypto Exchange & NFC" applications. In these applications, users can perform crypto trading transactions and can also log in to the application using NFC cards. You can review the technologies and libraries I have used below.

- Implemented state management using Getx.
- NFC card reading technology was utilized to facilitate seamless user registration andlogin processes by scanning the card.
- WebSocket and Socket.IO were employed to facilitate real-time price datastreaming.

Projects

- ***News App (Kotlin)***

The News Application is a mobile app written with the MVVM architecture, offering a modern interface where users can discover the latest news, save their favorite articles, and manage personalized settings. The app includes various features to enhance user experience and engagement. Here are the key features of the app:

Technologies and Libraries Used:
- Dagger & Hilt
- Retrofit
- GSON
- Coroutines
- Room
- Navigation
- Firebase Authentication
- Firebase Firestore
- Glide
- Lottie
- Splashscreen
- Swipe Refresh Layout

Github Repository: *github.com/cengizhanerturan/kotlin_news_app_mvvm*

- ***"Biliyorum" Quiz App (Flutter)***

This project is a quiz mobile application developed with **Flutter**, connected to a MySQL database, and powered by a PHP-based API. The app is designed with a variety of features to enhance user experience and engagement.
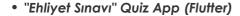
You can review the technologies and libraries I have used below.

- Implemented state management using Getx.
- Leveraged Firebase technologies, including Firestore, Authentication, Cloud Messaging, CloudFunctions, Storage, Remote Config, Crashlytics and Analytics.
- Utilized MySQL as the database solution.

- Employed PHP for backend development.
- A sophisticated notification service was developed using Node.js for FCM notifications, inconjunction with Firebase Cloud Functions.

Github Repository: *github.com/cengizhanerturan/flutter_quiz_app*

- ***"Ehliyet Sınavı" Quiz App (Flutter)***

This application, developed with **Flutter**, allows users to log in anonymously via Firebase Authentication. Firebase Firestore stores both the users' progress within the application and the application content itself. Through this app, users can study driving exam topics, solve past exam questions, practice exams, and video questions, as well as learn about vehicle warning lights and traffic signs. Additionally, Appodeal has been used for advertising integration, incorporating banner ads, interstitial ads, and rewarded ads.

You can review the technologies and libraries I have used below.

- Implemented state management using Getx.
- Leveraged Firebase technologies, including Firestore, Authentication, Cloud Messaging, CloudFunctions, Storage, Remote Config, Crashlytics and Analytics.
- Appodeal has been used for advertising integration, incorporating banner ads, interstitial ads, andrewarded ads.
- A sophisticated notification service was developed using Node.js for FCM notifications, inconjunction with Firebase Cloud Functions.

Github Repository: *github.com/cengizhanerturan/flutter_ehliyet_sinavi*

Skills

Flutter&Dart

Kotlin

Jetpack Compose

XML

RESTful APIs

WebSocket

Firebase

Clean Architecture

Git

JIRA

Problem-Solving Aptitude

Time Management Abilities

Code Reviews

UI/UX

Certifications

Oct 2024   Android Mobil Uygulama Kursu: İleri Seviye (Udemy)

Jul 2024   Android Mobil Uygulama Kursu: Kotlin & Java (Udemy)

Hobbies

Football

Hiking

Computer games