

EROL KULUSLU

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🌐 <https://github.com/erolkuluslu>

SOFTWARE DEVELOPER

ABOUT ME

I am a dedicated software developer with over a year of experience at the International Labour Association, where I improved my skills in developing impactful and user-centric mobile application ILA Portal. In addition, I have successfully developed various side project applications using Flutter and Dart, incorporating many packages like Firebase, Bloc, Provider, SQLite, Dio, HTTP, Rive etc. Beyond my technical skills, I have actively participated in over 10 volunteering programs across Europe, which have significantly enhanced my ability to work effectively in cross-cultural teams.

EDUCATION

Abdullah Gul University
2019 - 2025

EXPERTISE

Flutter SDK MVVM Architecture Bloc, Provider state management
Agile SQL Unit & Integration Tests and more...

EXPERIENCE

Flutter Developer

[ILA](#) / Netherlands

Sept 2022 – Sept 2023

As a Flutter Developer, I contributed to the development of the ILA Mobile application, a cross-platform app available on Google Play and the App Store. This application allows the organization to publish partner projects, enables users to apply to these projects, and includes features like news reading and blogging. The app's development involved implementing lazy loading, using Provider for state management, secure storage techniques, Google, Apple, and Facebook login systems, a native splash screen, constant internet control, a notification system, deep link integration, and more. My primary focus was on creating over 30 custom-designed pages and implementing a cohesive custom theme. I also developed pixel-perfect custom widgets aligned with Figma designs, ensuring compatibility across all devices. Throughout the project, we utilized Scrum methodologies and tracked progress with Jira.

Here is the link for the ILA portal app: [Google Play Store](#), [App Store](#)

Software Developer

[ILA](#) / Netherlands

April 2024 - June. 2024

As a Software developer I was involved in a project where we developed an autonomous ticket control system using Python, machine learning algorithms, BERT and OCR. The project involved extracting information from files such as PNGs, comparing it against required data, and returning results based on specific criteria. We deployed the system to AWS Lambda.

PROJECTS

Example Tracking [Github](#)

This project is an intuitive expense tracking application developed with Flutter and the BLoC (Business Logic Component) state management pattern. Users can easily add, edit, and delete expenses, and track their spending over time. It features a login page enhanced with Rive animations, an API service manager for scalability, and supports local data storage using Shared Preferences and SQLite. The codebase is organized for modularity and maintainability, with distinct directories for blocs, models, and services.

Image Classifier [Github](#)

This project provides a comprehensive solution for image processing, smart cropping, image embeddings, feature extraction, dataset cleaning, and model training and inference using PyTorch. Additionally, it includes a Gradio-based web application for easy interaction with the trained model.

Minimalist State Management [Github](#)

This repository demonstrates an efficient implementation of state management in Flutter using a service locator pattern with getIt. The primary goal is to achieve reactive code without resorting to imperative approaches like setState. The code is designed to observe changes only in the needed areas, eliminating the need to rebuilding unnecessary areas.

Animated App with Rive [Github](#)

This repository demonstrating how to create visually appealing mobile app login screen, bottom navigator bar, user experience friendly animations using Flutter and Rive.

VOLUNTEERING

I have participated in various international projects supported by European Union that aimed at developing in many subjects such as digital literacy, entrepreneurship, media awareness, and environmental sustainability. Through these experiences, I developed strong skills in programming, non-formal education, and critical thinking. My involvement allowed me to collaborate with diverse groups across Europe, where I gained practical knowledge in sustainable living, media literacy, and combating misinformation. Additionally, I took on leadership roles, fostering cultural understanding, tolerance, and respect for diversity. These experiences have equipped me with a broad skill set, including project management, effective communication, and a deep commitment to social and environmental advocacy.

Volunteering Experiences:

- Online Python Course Instructor, Digital World @ Schools Project
- Youth Entrepreneurial Toolkit, Erasmus+ Project
- Media Literacy for You(th), Erasmus+ Project
- Group Leader, Build Peace with the Masters of Thought - Kant Erasmus Mevlana Erasmus Project
- Participant, ENVIRONMENTALity Youth Exchange
- Participant, REACTIVATE Erasmus+ Project
- Participant, Think Twice, Erasmus+ Project