# Erol Külüşlü

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## ABOUT ME

- Currently working as a Mobile App Developer at the International Labour Association (ILA).
-Third-year computer engineering student.
- Proficient in Java and Flutter for mobile and desktop application development.
- Familiarity with Python and Java programming languages.
- Knowledgeable in object-oriented programming, data structures, and algorithms.
- Experience in developing applications using Firebase, SQLite, and Restful API.
- Strong skills in Java and SQL, with experience using MySQL.
- Hands-on experience working in cross-cultural teams through the Erasmus program.
- Excellent teamwork, creativity, and leadership abilities.
- Aspiring to contribute to significant advancements in the software industry.

## EDUCATION AND TRAINING

08/09/2019 – CURRENT
**COMPUTER ENGINEERING** Abdullah Gül University

01/09/2022 – CURRENT Netherlands
**REMOTE PART-TIME MOBILE DEVELOPER** International Labour Association

**Website** [https://www.ilabour.eu/](https://www.ilabour.eu/)

01/07/2022 – 30/08/2022 Netherlands
**MOBILE DEVELOPER INTERNSHIP** International Labour Association

**Website** [https://www.ilabour.eu/](https://www.ilabour.eu/)

## LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|---|
| | Listening | Reading | Spoken production | Spoken interaction | |
| **ENGLISH** | B2 | B2 | B2 | B2 | B2 |

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ADDITIONAL INFORMATION

### PROJECTS

01/07/2022 – CURRENT
**ILA Mobile Application** Project description:
As part of the ILA mobile team, our current focus is on developing a mobile version of the ILA Web Portal. The application is designed to offer users access to a variety of features, including the ability to apply calls and explore engaging content such as blogs, projects, and news. With a user-friendly interface and powerful functionality, our app promises to be a tool for those seeking to stay connected with the latest developments and opportunities within the ILA community.

The key features employed in this project included:
- Flutter project with a sleek and intuitive user interface.
- Seamless integration with AWS backend for efficient data management.
- Google and Facebook login systems for convenient authentication options.
- API-based login system for secure access and communication.
- Native splash screen for an engaging app launch experience.
- Constant internet control to ensure uninterrupted connectivity.
- Advanced filtering system for project search by topic and keyword.
- Over 30 custom-designed pages for rich and diverse content.
- Custom theme implementation for a visually cohesive experience.
- Native alert system for important notifications and alerts.
- Native widgets for easy updating and management of personal information.
- Lazy loading to allow for a quicker load time.
- In-app and email notification systems to keep users informed.
- Dark theme option for comfortable low-light usage.
- Google Maps integration for displaying the location of calls and easy navigation.

Technologies Used:
- Jira for efficient project management and issue tracking.
- Figma for designing and prototyping the app's user interface.
- Postman for testing and debugging API integrations.

12/09/2021 – 21/11/2021
**Learn with Translation** Project description:
My team and I created a mobile application aimed at facilitating the acquisition of English language skills for non-native speakers. We developed a quiz system within the application that utilizes previously saved words to facilitate studying. Additionally, we designed it to establish daily targets for the user, which generates notifications accordingly. This allows the user to review previously learned vocabulary and acquire new words daily.
The technological tools employed in this project included:
We utilized Firebase for data storage and user notification through push notifications, and we chose Flutter to enable development for both IOS and Android platforms.

**Link** https://github.com/erolkuluslu/LearnWithTranslation

05/03/2022 – CURRENT
**VetPet App** Project description:
We have designed and developed a cutting-edge desktop application, intended for use by both veterinary professionals and pet owners alike. The program serves the dual purpose of providing ongoing monitoring of pets' health status, as well as facilitating streamlined appointment scheduling with their veterinarians.

The technological tools employed in this project included:
-Jira
-JAVA
-MySQL
-SQL
-JAVAFX

**Link** https://github.com/erolkuluslu/VetPet_DesktopApp-master

## VOLUNTEERING

17/02/2023 – 24/02/2023 Manerba Del Garda, Italy
**Youth Entrepreneurial Toolkit** I participated in the Erasmus+ training course program, funded by the European Commission, as a participant of the Youth Entrepreneurial Toolkit project. Through non-formal education methods,the project aimed to develop the social and cultural entrepreneurship opportunities and skills, among the participants. During the project, I had the opportunity to learn from other participants' personal experiences as entrepreneurs, and to develop my own skills in areas such as using the business canvas model and creating shared value collaboratively.

01/02/2023 – 11/02/2023 Kaunas, Lithuania
**Media Literacy for You(Th)** I participated in an Erasmus+ Youth Exchange project called "Media literacy for you(th)" held in Kaunas, Lithuania. The project gathered participants from seven countries to raise awareness about the importance of media literacy and develop new competences in the field. Throughout the project, I learned how to use improved media skills effectively to encourage active citizenship and social

and economic participation among young people, especially those with fewer opportunities. As a result, I gained a deeper understanding of the influence of mass media and the importance of media literacy, both for myself and my local community.

23/01/2023 – 26/01/2023 Frankfurt Am Main, Germany
**Build Peace with the Masters of Though - Kant Erasmus Mevlana** I participated the APV of KEM Youth Exchange, funded by the European Commission, as a group leader of The Netherlands team to discuss about topic and and the schedule program. Project aims to empower young people in Europe to become agents of change in promoting respect for diversity, tolerance, and human rights in their societies. Through introducing the works of Kant, Erasmus, and Mevlana, non-formal activities, and social experiments. During the project, I learned about the methods of actively fighting discrimination, non-violent communication, conflict transformation, critical thinking, and how to foster a peace culture in my local reality and Europe.

05/09/2022 – 14/09/2022 Krakow, Poland
**ENVIRONMENTALity** Through my participation in the youth exchange mobility program, I learned about environmental awareness, sustainable living, and the importance of reducing waste. I gained practical skills in producing my own cosmetics and tie-dying, as well as learned how to change my daily habits to minimize my impact on the environment. I also developed a deeper connection with nature by experiencing its beauty and importance mindfully. Furthermore, the program motivated me to become an advocate for the natural environment.

07/02/2022 – 14/02/2022 Plovdiv, Bulgaria
**Think Twice** The primary objective of the Erasmus+ training course "Think Twice" is to enhance the digital media literacy skills of young individuals across Europe and beyond, by equipping them with the necessary tools to critically evaluate and scrutinize information, and to become more resistant and better informed against the misinformation and propaganda disseminated by mass media in the digital environment.

12/05/2022 – 20/05/2022 Calabria, Italy
**REACTIVATE** The project was in Limbadi from 12 to 20 May 2022. The topic was the impact of the eco-mafia on climate change. The participant was 39 people from Italy, Netherlands, Turkey, Croatia, Cyprus, Greece, and Romania. Because the reduction of waste and the environmental impact, not only passes from advanced disposal models and eco-sustainable behaviors but also contrasts the traffic of criminal organizations.

## COURSES

### Data Structures and Algortihms

I learned the basics of data structure consept in Java.

### Object Oriented Programming

I learned OOP concepts in Java

### Database Management Systems

I learned the basic of MYSQL and SQL and I developed an application as a term project

### Mobile Programming

I learned Flutter and I developed an application by using Firebase, Sqlite and Restful Api.

### Mathematical Modelling and Algorithm

I learned the principal algorithms for linear, network, discrete, nonlinear, dynamic optimization and optimal control.