ilhan özdemir

Nationality: Turkish   **Date of birth:** 25/10/1980   **Gender:** Male   📞 **Phone number:** (+90) 5053868766

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📍 **Home:** Milas, Muğla (Türkiye)

WORK EXPERIENCE

Android Developer
Freelance (Remote) [01/01/2008 – Current]

City: İstanbul-Muğla
Country: Türkiye

Job Description
• Designing, developing, testing, and maintaining various Android applications according to customer requirements.
• Researching and deciding on the most suitable technologies and methods to be used in the software development process and implementing them.
• Performing business analysis and directing the software based on the obtained data.
• Designing the application's UX/UI and performing device compatibility tests.
• Closely following new technologies and integrating them into the project when necessary.
• Developing and adapting ideas for peripheral units (such as camera, Bluetooth, GPS, etc.) that can work with the application to the project.
• Developing new solution ideas to increase and improve the performance of the application.
• Managing the software project, collaborating, and coordinating with other team members.
• Designing and using a SQL or NoSQL relational database according to needs in the application.
• Google Play Console management, publishing applications, making them available for use, and performing necessary actions.
• Reviewing error reports, fixing important recurring errors, and planning updates.

Computer Science Instructor
Ministry Of Education [01/01/2004 – Current]

City: Muğla
Country: Türkiye

- Developing, maintaining, and training on ICT policy, procedures, reference guides, and materials.
- Developing all internal, hosted, and virtualized IT infrastructure. Ensuring continuity of systems and maximum efficiency and clarity through all existing and new ICT systems.

Software developer
Ozcom Bilisim [29/02/2004 – 28/02/2007]

City: Istanbul
Country: Türkiye

Job Description:
- Managing software projects.
- Developing sample management software for the textile industry's current needs.
- Analyzing and examining business processes on-site, and designing the modules of the software based on the results.
- Developing a multi-user desktop application that can work with Firebird and MS SQL databases on the - Windows operating system.
- Managing the software development team.
- Managing software versions, backups, and data security.

Accomplishments:
- Developing software for a multi-user application that runs on Windows, checks for updates on the web at start-up and updates if necessary, and uses a relational database.
- Developing software with barcode reading and writing functions.
- Effectively using reporting and querying tools.

Co-founder Experience:
This experience involved establishing a software company as a joint venture. While the other two partners were responsible for marketing and finance, I held the responsibility for software development.

Android Developer
YZ Teknoloji (Remote) [01/08/2020 – 01/07/2021]

City: İstanbul
Country: Türkiye
Website: http://www.yzteknoloji.com/
Business or sector: Agriculture, forestry and fishing
Link: https://play.google.com/store/apps/details?id=com.bigg.kovantakipci&gl=TR

Job Description
- Developing an Android application that can connect to and transfer data over Bluetooth Low Energy (BLE) to an IoT device.
- Identifying technologies to be used for the Android application and planning the method to be used.
- Designing the UX/UI for the Android application and implementing it.
- Managing errors that may occur while downloading data over Bluetooth Low Energy (BLE) and taking measures to ensure stable operation.
- Ensuring user information security by using backup or synchronization methods to prevent data loss.
- Designing, coding, and debugging the application.
- Conducting tests on the application.
- Publishing the application on the Google Play market.
- Coordinating with electronic engineers about the BLE device and providing technical support for the device development process by giving feedback on software errors that may occur.

Achievements
- Developing a Java/Kotlin library that efficiently and stably scans BLE devices, detects advertising data, and connects to and downloads current data from BLE devices in sequence as needed. (This library has been developed on Android Bluetooth SDK)

Google Play Link:
E-Kovan Dostu App

Software Developer
Marmara Yazılım [01/08/2001 – 01/09/2003]

City: İstanbul
Country: Türkiye

Job Description:
- Designing, developing, and implementing a multi-user software solution with a relational database on the Windows operating system for customer companies.
- Leading and managing the project team.
- Deciding on software development tools and databases to be used.
- Conducting on-site business analysis and designing software modules.
- Selecting and implementing a reporting tool for the project.
- Designing the database, designing SQL queries, functions, and triggers.
- Developing an ERP.

Accomplishments:

- Developing a multi-user ERP application for the textile industry using an MS SQL Server database in the Delphi software development environment.

I redeveloped one of my customer's proprietary Access-based software using Delphi and MSSQL technologies. I transformed the existing forms, reports, and query systems into a completely Windows-based, multi-user application by adding new features. Throughout this transformation process, I integrated all the functions and data from the Access-based software into the new structure created with Delphi. The redeveloped software now features a user-friendly interface, robust database management, and enhanced functionality.

Software Developer
Bilge Örme [11/09/2000 – 01/08/2001]

City: İstanbul
Country: Türkiye
Business or sector: Transportation and storage

- Monitoring the maintenance and development processes of the ERP software.
- Maintenance of the MSSQL Server database and server maintenance.
- Managing the Windows NT Server.

In this position, I worked as a software developer at Bilge Örme. My responsibilities included monitoring and managing the maintenance and development processes of the ERP software, performing maintenance on the MSSQL Server database and server, and managing the Windows NT Server.

EDUCATION AND TRAINING

Computer And Instructional Technologies, Bachelor Degree
Marmara University [09/09/1999 – 30/06/2003]

City: Istanbul
Country: Türkiye
Website: https://www.marmara.edu.tr/

LANGUAGE SKILLS

Mother tongue(s): **Turkish**

Other language(s):

English

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

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

DIGITAL SKILLS

Programming Languages: C++, Kotlin, Java, Python. / Expert computer user / Bluetooth Low Energy / Android jetpack / JetPack Compose / Mobile Application Development / Android Programming - Android Studio / Object-Oriented Design / Data Modeling / Firebase: Firestore, FirebaseAuth, Firestorage, RealTime database / Coroutine/RXJava2 / Room, Retrofit, Dagger Hilt / CameraX / Machine Learning

PROJECTS

E-Okul Foto (Android App)
[03/2016 – Current]

The auxiliary tool used to generate student photos within the national education software called "E-okul" is commonly referred to as a "photo editor" or "photo adapter." This tool enables the cropping and resizing of photos to make them compatible with the system. Student photos are edited according to specific features and standards and then uploaded to the E-okul environment. This way, each student has a suitable and standardized

photo integrated into the system.The auxiliary tool used to generate student photos within the national education software called "E-okul" is commonly referred to as a "photo editor" or "photo adapter." This tool enables the cropping and resizing of photos to make them compatible with the system. Student photos are edited according to specific features and standards and then uploaded to the E-okul environment. This way, each student has a suitable and standardized photo integrated into the system.

Skills: Android Studio · Object Oriented Design · Data Modeling · Software · Project Management · Android Development · Camera · Software Development · Android Geliştirme · Kotlin · Android

Link: https://play.google.com/store/apps/details?id=com.redleon.eokulfoto

E-Kovan Dostu (Android App)

[08/2019 – 07/2020]

I took software part of the robotic project. Furthermore I managed all the processes. Designing, Imlementing, Testing, Publishing etc.

Skills: Mobile Application Development · Android Studio · Object Oriented Design · Data Modeling · Software · Android Development · Bluetooth Low Energy · Camera · Software Development · Android Geliştirme · Kotlin · Android

Link: https://play.google.com/store/apps/details?id=com.bigg.kovantakipci

Kolay Okul (Android App)

[01/07/2017 – 01/08/2018]

It is a native Java application that runs on the web and Android machines. The application aims to provide a powerful solution in a mobile environment for school administrators to calculate additional teaching hours for assigned teachers.It is a native Java application that runs on the web and Android machines. The application aims to provide a powerful solution in a mobile environment for school administrators to calculate additional teaching hours for assigned teachers.

Skills: Object Oriented Design · Data Modeling · Software · Project Management · Software Development

xModel Swatch & Trade Fair Automation (Windows App)

[01/05/2004 – 01/03/2019]

It is a Windows-based, multi-user barcode application software developed for the Knitting and Weaving industry. The software is designed to be used in various settings such as trade fairs, R&D departments, and showrooms. It includes features such as barcode identification, inventory management, order tracking, production monitoring, and other industry-specific functionalities. The aim of the software is to enhance efficiency and streamline processes for businesses in the knitting and weaving sector.It is a Windows-based, multi-user barcode application software developed for the Knitting and Weaving industry. The software is designed to be used in various settings such as trade fairs, R&D departments, and showrooms. It includes features such as barcode identification, inventory management, order tracking, production monitoring, and other industry-specific functionalities. The aim of the software is to enhance efficiency and streamline processes for businesses in the knitting and weaving sector.

Skills: Object Oriented Design · Data Modeling · Software · Project Management · Borland Delphi · Software Development · Business Analysis

Link: https://xmodel.kod48.com/

xFabric ERP Solution (Windows App)

[01/01/2001 – 01/01/2013]

Write here the description...An ERP & CRM software based on Windows + MSSQL for the knitting industry. It includes features such as inventory management, order management, business process management, procurement management, workflow management, planning, quality control, and productivity tracking.

Skills: Object Oriented Design · Data Modeling · Software · Project Management · Borland Delphi · Software Development · Business Analysis