



## Gökay Özsoy

**Date of birth:** 02/03/1999 | **Nationality:** Turkish | **Gender:** Male |

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**Address:** Borsteler Chaussee, 72, 22453, Hamburg, Germany (Home)

### ● ABOUT ME

I am a computer engineer with experience in various areas. I love developing creative software and maintaining the code & databases.

### ● WORK EXPERIENCE

08/08/2022 – 11/08/2023 Ankara, Türkiye

#### **JUNIOR SOFTWARE DEVELOPER** ZKR NURSE CALL SYSTEMS

- Developed web forms and maintained and customized database for customers to observe user data (Nurse Call logs, emergency code logs, etc.). Coded back-end services to update the database, and sent data to appropriate service and related front-end page. Used JavaScript, PHP, and HTML in the development phase.
- Provided IT support through video calls and remote connection software (AnyDesk, TeamViewer).
- Developed a system management application on Linux to improve the production line's performance and to make basic daily operations easier. Used Qt and C++ in the development phase.

**Business or Sector** Information and communication | **Department** After Sales Department |

**Address** Umit Mahallesi, Okullar Sokak, No.16, 6810, Ankara, Türkiye | **Email** [info@zkr.com.tr](mailto:info@zkr.com.tr) |

**Website** <https://www.zkr.com.tr/>

22/06/2022 – 25/07/2022 Ankara, Türkiye

#### **SOFTWARE DEVELOPMENT INTERN** ZKR NURSE CALL SYSTEMS

- Learned frequently used technologies, tools, and programming languages in the company such as Qt Creator, PHP, JavaScript, C++, MySQL, etc.
- Handled the configurations of the company's products.

24/06/2019 – 22/07/2019 Ankara, Türkiye

#### **SOFTWARE DEVELOPMENT INTERN** PERDA HUMAN RESOURCES

- Managed databases. Edited the database structure according to users' feedback and satisfaction.

**Business or Sector** Information and communication | **Website** <https://perda.com.tr/>

### ● EDUCATION AND TRAINING

17/09/2017 – 03/07/2023 Ankara, Türkiye

#### **COMPUTER ENGINEERING** TED University

- Data Structures and Algorithms
- Human-Computer Interaction
- Concepts of Programming Languages

- Operating Systems
- Information Security and Cryptography

**Website** <https://www.tedu.edu.tr/en> | **Field of study** Information and Communication Technologies |

**Level in EQF** EQF level 6 | **National classification** 6 | **Type of credits** ECTS | **Number of credits** 246 |

**Thesis** ChatChain App

## ● LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>GERMAN</b>	A2	A2	A2	A2	A2

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

## ● DIGITAL SKILLS

C++ | Qt | Linux | JavaScript | PHP | HTML | CSS | MySQL | SQL | Java | Python | Angular | NestJS | VoIP Systems | DevOps

## ● PROJECTS

### RSA ENCRYPTION APPLICATION (JAVA)

- This Java application first encrypts a desired text (user input) and then decrypts the encrypted message.
- The user clicks on the “create key pairs” button and later selects any key pair from a drop-down list.
- The user clicks on the “Encrypt” button. The application encrypts the message with the selected key pair and shows the user the encrypted data.
- Lastly, when our user clicks the “Decrypt” button, the application shows the user the initial text he/she provided in the beginning.

### THE CITY SEARCH ENGINE APPLICATION (ANGULAR - NESTJS)

- The front-end side is developed with Angular and the back-end side is developed with NestJS. The programming language used is TypeScript. The city data is stored as JSON data and is static.
- The user accesses the web application from the browser, application welcomes the user, and asks him/her to search for a city.
- The user searches for a city either by typing a word or letter, or typing its population number.
- If any city includes the number or letter/word/number that’s been entered, the application returns the filtered data and shows them to the user by taking account of pagination data on the back-end side of the project (e.g. the number of rows, the current page, total number of pages.).

## ● CERTIFICATES

26/01/2024 – CURRENT

**Web Development Fundamentals by IBM SkillsBuild**

Verify: <https://www.credly.com/go/kyO6KxyH>

29/01/2024 – CURRENT

**Information Technology Fundamentals by IBM SkillsBuild**

Verify: <https://www.credly.com/go/YmqI10QM>