



# AZIZ KALE

## FULL STACK DEVELOPER

An innovative and reliable Full Stack Software Developer who strengthens his team with his creative solutions, continuously develops himself with his desire to always learn more, and contributes his experience.

### CONTACT

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<https://azizkale.com>

### SKILLS

Java, Spring Boot, Maven, Hibernate, JavaScript, Angular, NodeJS, PostgreSQL, MongoDB, Docker, Jenkins, Kubernetes, RESTful, GraphQL, Git, GitHub, Jira, Bitbucket, Keycloak

### LANGUAGES

German - fluent  
English - fluent  
Turkish - native

### HOBBIES

Reading, Billiards

## EXPERIENCE

### 2023 - Present

EMM-IT LLC

#### Full Stack Software Developer

Projects:

##### Course Manager - Web Application (for Aero-Bildung LLC)

- Frontend: Angular
- Backend: Java, Maven, Hibernate, RESTfull API
- Database: MSSQL
- DevOps Tools: Docker, Kubernetes

##### Web Site (EMM-IT)

- Frontend: Angular
- Backend: Java Spring Boot, Maven
- Database: PostgreSQL
- DevOps Tools: Docker, Jenkins
- Website: <https://emm-it.de>

### 2019 - 2023

Freelancer

#### Full Stack Software Developer

Selected Projects:

##### Price-Invoice Calculating

- Desktop-App.: C# (integrated with Mobile App)
- Mobile: Unity with C# (Android)
- Server: WebSocket Server with JavaScript
- Database: Microsoft Excel

##### Web Site Project

- Frontend: EJS
- Backend: NodeJS
- Website: <https://d-und-k-automobile.de>
- Explanation: via Web Scraping from <https://www.autoscout24.de>

##### Wordbox Web Project

- Frontend: Angular
- Backend: NodeJS, GraphQL
- Database: MongoDB
- Website: <https://wordbox-69dec.web.app>

##### E-Reader Project (integrated with AI)

- Frontend: Angular
- Backend: NodeJS, TypeScript, RESTfull API
- Database: Firebase Realtime

##### Web Site Project

- Frontend: JavaScript
- Website: <https://tonysdienstleistungen.de>

##### Web-Game Project

- Frontend: HTML, CSS, Plain JavaScript
- Website: <https://azizkale.github.io/No100-JavaScript-Project>

## EXPERIENCE

### Voice Chat with ChatGPT

- Frontend: HTML, CSS, Plain JavaScript
- Backend: NodeJS, TypeScript, GraphQL
- Related Article: <https://medium.com/javascript-in-plain-english/how-to-connect-chatgpt-with-nodejs-b176ae418c7e>

### Word-FlashCard-integrated-with-GoogleSheets-Unity\_app

- Frontend: Unity (Mobile App)
- Software Language : C#

**More:** <https://github.com/azizkale>



<https://github.com/cronycommunity>

<https://github.com/kale1st/>

### 2017 - 2019

*Freelancer*

#### Graphic Designer

- Creation of textbooks and brochures using Adobe InDesign and Adobe Illustrator

### 2014 - 2017

*Ministry of Education, Elazig/Turkey*

#### Payroll Accountant

- Calculation of employee salaries
- IT support in the office

### 2012 - 2014

*Ministry of Family and Social Policies,  
Ankara/Turkey*

#### Social Worker

### 2010 - 2012

*Yenirenk, Primary School, Ankara/Turkey*

#### Mathematics Teacher

## EDUCATION

### 2019 - 2021

IT-Courses: HTML, CSS, JavaScript, JQuery, Angular, NodeJS, TypeScript, RxJS, Git-Github

### 2019 - 2020

#### University of Göttingen (IIK e.V.)

German Language Course

### 2005 - 2010

#### Uludag University, Türkei

Mathematics, Bachelor's Degree

## ENGAGEMENTS

### August/2022 - September/2023

*Employment Promotion Göttingen (kAöR)*

#### Volunteer Interpreter

### February/2022 - Present

*Mürüvvat e.V., Göttingen*

#### Board Member

- Supporting members with questions about integration and social exchange

## ARTICLES

- JWT in **Spring Security 6** with Database connection
- RESTful API Testing in **Java** with Mockito (Service Layer)
- Keycloak Integration with **Spring Security 6**
- How to implement and use Swagger in **NodeJS**
- Authentication and Authorization with JWT in GraphQL Server
- How to use Apollo GraphQL with Angular
- Mastering **Hibernate and JPA** Annotations: Unveiling the Power of Entity Management

**More:** ●● <https://azizkale.medium.com/>