

# EMRE YILMAZ

## PROFESSIONAL SUMMARY

As an Analyst Developer with 2 years of experience, develops software solutions using C#, .NET, Python, React JS, SQL Server, and GraphQL. Creates intuitive user interfaces and financial tools in ASP.NET for global transaction systems, ensuring code quality with standards, automated tests, and manual testing. Additionally, contributes to API design, team collaboration, and participates in interviews to support team building efforts.

## WORK HISTORY

### **Analyst Developer, 03/2023 - Current** FNZ, Munich, Germany

- Collaborated on defining user story definitions and acceptance criteria, utilizing technologies such as .NET, C#, React JS, SQL Server, and GraphQL to ensure business-aligned software solutions.
- Developed intuitive user interfaces and financial tools in ASP.NET for global transaction systems.
- Maintained code quality with standards, automated tests, and manual testing in high-availability systems.
- Contributed to API design and team collaboration.
- Joined interviews as observer to gain insights into hiring process and contribute to team building efforts.

### **Graduate Analyst Developer, 07/2022 - 03/2023** FNZ, Munich, Germany

- Developed software solutions using C#, .NET, and SQL Server.
- Participated in software testing processes, including bug identification and solution validation, to maintain software quality standards.
- Applied knowledge of SDLC methodologies across project phases, from design and development to testing, deployment, and maintenance, contributing to team success.
- Collaborated on translating business needs into detailed technical specifications, supporting efficient project delivery and meeting client expectations.
- Participated in buddy program, mentoring mentees to support their professional growth.

### **Data Scientist (Intern), 08/2021 - 09/2021** ROKIN GmbH, Remote

- Text analysis and application of Natural Language Processing (NLP) using Python
- Analysis, optimization, and documentation of results
- Comparison and evaluation different strategies to extract keywords and compare them



Munich, 80802 Germany



+4915223431128



assademre@gmail.com

## WEBSITES, PORTFOLIOS, PROFILES

- [linkedin.com/in/assademre/](https://linkedin.com/in/assademre/)
- [assademre.github.io/](https://assademre.github.io/)
- [github.com/assademre](https://github.com/assademre)

## SKILLS

**Programming Languages: C#, Python, SQL Server**

**Object-Oriented Programming**

**Test Driven Development (TDD)**

**Unit Testing**

**Git proficiency**

**SDLC compliance**

**Proficient in RESTful APIs**

**Azure DevOps**

**Teamwork and Collaboration**

**Scrum Framework**

**Analytical Skills**

## CERTIFICATIONS

- 10/2019, Coursera - Neural Networks and Deep Learning, XJNRVQD3ZSKK
- 06/2017, European Union Erasmus+ Grant

## LANGUAGES

- Comparing different strategies primarily KeyBERT, YAKE!, and RAKE using SpaCy and NLTK to extract keywords.

## EDUCATION

**Master of Science, International Mathematics, 01/2022**  
**Julius-Maximilians-University Würzburg** - Würzburg

- Research Project: Goal Oriented Chatbot
- Relevant Coursework: Mathematical Modelling & Deep Learning Modelling & Insurance Mathematics
- Thesis: Irrationality Proofs of Zeta Values Using Modular Forms under supervision of J. Steuding (1.3/5.0)

**Bachelor of Science, Mathematics, 06/2018**  
**Izmir Institute of Technology** - Izmir, Turkey

- Thesis: Oscillatory Integrals of Rational Function
- Rank: 4
- Poland, Mathematics and Computer Science

**Bachelor of Science, Mathematics And Computer Science, 06/2017**  
**Gdansk University of Technology** - Gdansk, Poland

- Received Erasmus+ grant
- Job-related courses: SQL

Turkish

Bilingual or Proficient (C2)

English

Advanced (C1)

German

Elementary (A2)