EREN TUNA AÇIKBAŞ

JUNIOR UNIVERSITY STUDENT

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ABOUT ME

I am a junior petroleum and natural gas engineering student with a strong passion for software development and a growing interest in AI and data science. Alongside my studies, I actively seek opportunities to expand my knowledge and skills in these areas. Currently, I work as a software developer at XGen-Partners, where we focus on implementing financial software solutions. In this role, I have honed my programming abilities and gained valuable industry experience, utilizing my expertise to develop efficient solutions in the financial domain. In addition to my engineering background, I independently study AI and data science concepts. By combining my engineering foundation, software development skills, and enthusiasm for AI and data science, I possess a unique skill set. I am proficient in advanced programming languages and frameworks, enabling me to tackle complex problems. I am enthusiastic about applying my knowledge to contribute to innovative solutions in the AI and data science domains.

EDUCATION

Anadolu University

Associate Degree in Computer Programming

2022 - Present

Middle East Technical Universtiy

Bachelor of science in Petroleum and Natural Gas Engineering

2019 - Present

Suphi Koyuncuoğlu Anadolu Lisesi

High School Degree

2015 - 2019

LANGUAGES

Turkish (Native)

English (Advanced)

German (Beginner)

SKILLS

1. **Oracle:** Proficient in working with Oracle databases, including querying and managing data effectively.
2. **SQL:** Intermediate proficiency and above in working with SQL databases. Strong knowledge and experience in writing complex queries, and optimizing database performance with indexing.
3. **Shell Automation:** Skilled in developing shell scripts to automate routine tasks, improving efficiency and reducing manual effort.
4. **Python:** Proficiency in Python, including expertise in data manipulation, analysis, and visualization libraries such as NumPy, pandas, and matplotlib.
5. **Flutter**: Proficient in mobile application development using the Flutter framework.
6. **Version Control Systems:** Experienced in utilizing version control systems like Git and Subversion for efficient collaboration and source code management.
7. **Matlab:** Intermediate proficiency in using Matlab
8. **Pipesim:** Familiarity with Pipesim
9. **Microsoft Office**: Advanced proficiency in Microsoft Office, including Microsoft Word, Excel

EXPERIENCE

X-GEN PARTNERS

Junior Software Developer | November 2021 - Present
- Gain valuable experience working with international customers, providing software solutions tailored to their specific needs and requirements.
- Collaborate effectively with teammates from diverse cultural backgrounds and different countries, fostering a collaborative and inclusive work environment.
- Work with SQL databases, including designing database schemas, writing queries, and ensuring data integrity and performance.
- Utilize analytical and problem-solving skills to design logical flows and solutions for software development projects, ensuring efficient and effective implementation.
- Adapt to changing project requirements and prioritize tasks to meet project deadlines and deliver high-quality software solutions
- Collaborate with cross-functional teams, including software architects, designers, and QA testers, to develop and deliver robust software applications.

TANAP (TRANS-ANATOLIAN NATURAL GAS PIPELINE) MAIN CONTROL CENTER (ANKARA)

Internee | 5 September 2022- 30 September 2022
- Having experience in Natural Gas Transportation systems
- Being involved in the Main Control of Pipeline elements
- Familiarized with Technical, Commercial, Security, and Maintenance operations of Pipelines
- Conducting stroke tests on block valves and measuring daily nominations by using SCADA systems

LE MÉRIDIEN BODRUM BEACH RESORT

Sales Consultant | 1 June 2022- 30 August 2022
- Stored, retrieved, and managed products
- Establishing a regular dialogue with customers
- Maintained accurate and organized product inventory, ensuring availability and timely replenishment of stock.
- Handled customer inquiries, concerns, and complaints professionally and efficiently, striving to resolve issues to the satisfaction of all parties involved.

BIONLUK

Freelance Software Developer | July 2019 - November 2021
- Independently lead software design and development projects, specializing in mobile application development using Flutter.
- Collaborate closely with clients to understand their specific requirements and provide expert advice on maintaining and improving their mobile applications.
- Design and develop customized mobile applications tailored to meet each customer's unique needs, ensuring a seamless and engaging user experience.
- Continuously enhance skills and knowledge in mobile application development, including Flutter framework updates, to deliver cutting-edge and impactful solutions for clients.

CERTIFICATION

What is Data Science?
Coursera - IBM
May - 2023

MATLAB Onramp
Mathworks
August - 2022

Git101
Google Developer Students Club -METU
Jan - 2021

The Complete 2021 Flutter Development with Dart
Udemy
Jan - 2021

Complete Python Developer in 2020: Zero to Mastery
Udemy
Jan - 2021

PROJECTS

Personal Porfolio
Self Development Project
Developed a personal website using HTML, CSS, JavaScript, and Django as the backend framework. Leveraged Docker for containerization, ensuring easy deployment via AWS. The website showcases my projects, skills, and includes a blog and journaling feature for sharing ideas.

Library Management System
Self Development Project
Created a basic Library Management System using Django and Docker. Designed the user interface (frontend) with HTML and CSS. The system allows for efficient management of library resources, including book cataloging, borrowing, and returning.

Glossy Words
Self Development Project
Developed a Flutter mobile application aimed at word memorization. The app provides a user-friendly interface for users to learn and practice vocabulary, offering features such as flashcards.

HearMe
Google Solution Challenge
Contributed to the development of a mobile application using Flutter for the Google Solution Challenge. The app, called Hear Me, focuses on empowering users to express themselves through audio recordings and share their stories.