

Ahmet Yemliha Öner

a.yemlihaoner@gmail.com | [linkedin/a-yemliha-oner](https://www.linkedin.com/in/a-yemliha-oner) | yemlihaoner.github.io | +49 176 87733959 | Munich

Summary

Software Engineer experienced in building scalable mobile and backend applications with Python, Java, Flutter, and Firebase. Focused on performance, automation, and security, with a track record of improving processes and delivering impactful solutions.

Work Experience

BSH Hausgeräte

IoT Security Werkstudent

Munich, Germany

Nov 2023 – Nov 2025

- Enhanced Python automation scripts, reducing Public Key Infrastructure (PKI) processes execution time 40% by eliminating manual labor, enabling real-time monitoring and automatic checks on millions of certificates, saving thousands of euros annually.
- Implemented Docker-based environments to ensure consistent deployments and simplify testing workflows.
- Designed and maintained CI/CD pipelines to automate build, test, and deployment processes, improving release reliability.
- Developed and executed unit and integration tests, increasing code coverage and system stability.
- Optimized cross-checking templates, increasing security compliance across internal systems, reducing audit time by 30%.
- Prepared demos and documentation to onboard and inform other teams, improving interdepartmental collaboration.

Huawei

Software Engineer

Istanbul, Turkey

Apr 2022 – Apr 2023

- Documented, expanded, and maintained 20+ cross-platform packages for **NuGet** and **pub.dev**, enabling thousands of developers to integrate Huawei HMSCore services seamlessly.
- Published Flutter and .NET packages on nuget.org and pub.dev, helping expand Huawei's developer ecosystem and improving developer engagement by 25%.
- Actively contributed to open-source projects, improving package stability and reliability.

GMC Teknoloji

Software Developer

Istanbul, Turkey

Dec 2019 – Mar 2022

- Designed and improved feature-rich, cross-platform mobile applications using **Flutter** and **Xamarin**, serving 200+ daily active users.
- Engineered scalable backend services using **Firebase** and **Azure**, enabling real-time data processing with serverless architecture, reducing costs by 20% and improving performance.
- Collaborated with UI/UX designers and product managers to translate complex requirements into intuitive mobile interfaces.
- Led iterative updates and feature additions based on real-time user feedback, boosting retention by 25%.
- **Published Apps:** *Unipubs, Futgolf Türkiye, ParkYerim, AppyHour.*
- **Technologies:** Flutter, Xamarin, Firebase, Azure, TypeScript, C#, NoSQL.

Siemens

Software Development Intern

Istanbul, Turkey

Aug 2019 – Sep 2019

- Improved a .NET desktop application to streamline task management on TFS, enhancing workflow efficiency.

Poi Labs

Software Development Intern

Istanbul, Turkey

Apr 2019 – Aug 2019

- Built an Android application in Kotlin, implementing key UI/UX enhancements.
- Conducted R&D on slotting algorithms and recommendation systems using Python, reducing retrieval times and optimizing warehouse operations.
- poilabs.com/en/home

Education

Technical University of Munich

M.Sc. in Informatics

Istanbul Technical University

B.Sc. in Computer Engineering

Munich, Germany

Expected Graduation Date: Jan 2026

Istanbul, Turkey

Graduation Date: Aug 2021

Project Experience

ITU

Graduation Project

Sep 2020 – Jun 2021

- Implemented **Udeniable Logging Protocol** under the supervision of Asst. Prof. Dr. Mehmet Tahir Sandikkaya using Java socket programming and cryptography.
- Designed the system to ensure integrity and authenticity of logs in distributed environments, enhancing security by preventing unauthorized log tampering.
- github.com/yemlihaoner/ITUGradProject-ULP

Leadership Experience

Bilim Kahramanları Derneği

Instructor & Referee

Jan 2016 – July 2023

- Instructed students in **Merak Makinesi**, Refereed in First Lego League, and World Robot Olympiad projects, fostering STEM education and inspiring future engineers.

Skills & Interests

Skills:

- C++, C#, Java, Python, Dart, Firebase, Azure, Aws
- Git, NoSQL, OpenSSL, Cloud Computing, Virtual Machine, Docker, Linux
- Jira, Agile, Scrum, Kanban, Prompt Engineering

Languages: Turkish (Native), English (Fluent), German (B1), Spanish (A2)

Interests: Cycling, traveling, trekking, camping, history, architecture, photography

