

Ahmet Yemliha Öner

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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 <i>IoT Security Werkstudent</i>	Munich, Germany Nov 2023 – Nov 2025
<ul style="list-style-type: none">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 <i>Software Engineer</i>	Istanbul, Turkey Apr 2022 – Apr 2023
<ul style="list-style-type: none">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 <i>Software Developer</i>	Istanbul, Turkey Dec 2019 – Mar 2022
<ul style="list-style-type: none">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: <i>Unipubs, Futgolf Türkiye, ParkYerim, AppyHour</i>.Technologies: Flutter, Xamarin, Firebase, Azure, TypeScript, C#, NoSQL.	
Siemens <i>Software Development Intern</i>	Istanbul, Turkey Aug 2019 – Sep 2019
<ul style="list-style-type: none">Improved a .NET desktop application to streamline task management on TFS, enhancing workflow efficiency.	
Poi Labs <i>Software Development Intern</i>	Istanbul, Turkey Apr 2019 – Aug 2019
<ul style="list-style-type: none">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 **Undeniable 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

