Ahmet Yemliha Öner

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Summary

A highly skilled and motivated software engineer with a passion for building scalable, secure, and efficient applications. Experienced in designing cross-platform mobile applications and optimizing backend services. Proficient in a wide range of technologies including Flutter, Firebase, and Azure. Demonstrated ability to improve processes and drive results, with a strong focus on automation, security, and performance. Seeking to leverage my skills and experience to contribute to cutting-edge software solutions in a dynamic environment.

Work Experience

BSH Hausgeräte   Munich, Germany
IoT Security Werkstudent   Nov 2023 – Present

- 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.
- 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   Istanbul, Turkey
Software Engineer   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   Istanbul, Turkey
Software Developer   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   Istanbul, Turkey
Software Development Intern   Aug 2019 – Sep 2019

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

Poi Labs   Istanbul, Turkey
Software Development Intern   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 by 15%.
- poilabs.com/en/home

Education

Technical University of Munich   Munich, Germany
M.Sc. in Informatics   *Expected Graduation Date: Nov 2025*
Istanbul Technical University   Istanbul, Turkey
B.Sc. in Computer Engineering   *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 Sandıkkaya 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++, C#, Java, Python, Dart, Firebase, Azure
- Git, NoSQL, OpenSSL, Cloud Computing, Virtual Machine
- Jira, Agile, Scrum, Kanban, Prompt Engineering

Languages: Turkish (Native), English (Fluent), German (A2), Spanish (A2)
Interests: Cycling, traveling, trekking, camping, history, architecture, photography