

Ferhat Sanli

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Amsterdam, Netherlands **EU Citizenship (Bulgaria)**

PROFILE

Self-motivated and passionate Android Developer with a solid foundation in Kotlin, Jetpack Compose, and modern mobile application development. Background in Information Systems Engineering with hands-on experience in automation and backend development. Currently focused on building RESTful Android applications and UI components using Jetpack Compose. Eager to contribute to team-oriented, innovative environments and continuously enhance technical skills.

SKILLS

Languages: Kotlin, Python, C#, VB.NET, C/C++, SQL, JavaScript

Mobile Development: Android, Jetpack Compose, XML Layouts, Material Design, Flutter

Frameworks & Libraries: Hilt, Dagger, Retrofit, Room, Coroutine, UiPath

Architecture & Concepts: OOP, Clean Architecture, MVC, REST API, Multithreading, Networking

Platforms & Tools: Android Studio, Git, GitHub, Raspberry Pi, Linux, Windows, macOS

Automation: UiPath, AutoHotkey, VBA

Soft Skills: Problem-solving, Self-driven, Team player, Result-oriented

PROJECTS

• Real-time Network Device Tracker (Kotlin, REST API, Raspberry Pi, NodeJS)

- Developed an Android app that fetches IP/MAC device lists from a Raspberry Pi Node.js server and displays them using Jetpack Compose.

- Implemented Retrofit + MVVM + Coroutines for robust REST communication and token-based MacVendor lookup.

- Resolves vendor names via macvendors.com and displays each manufacturer beneath the device entry.

- Performance: scans ~15 devices in <5 seconds with real-time UI updates; all network scanning runs locally on the Raspberry Pi.

• BringItems – Shopping List App (Kotlin, Jetpack Compose, Navigation Compose)

- Developed a modern shopping list application with clean, responsive UI using Jetpack Compose and Material 3.

- Implemented tab navigation with HorizontalPager and category-to-items flow using local NavHost.

- Built performant product grid with category filtering, quantity controls, and real-time total calculation via Compose state.

- Integrated Android Intent-based sharing to export the list as formatted text.

• Personal Expense Analyzer (Kotlin, CSV, Chart Library)

- Built an Android app to import and analyze daily expenses from CSV bank statements with category-based classification.

- Designed custom bar charts and summary reports for visual insights.

- Added an analytical feature to detect days exceeding or meeting target savings, providing actionable financial insights to the user.

EXPERIENCE

Software Engineer – AKTEK | Oct 2022 – Feb 2023

- Developed and maintained automated workflows using UiPath.
- Built SQL automations and integrated backend systems with Oracle database.- Designed automation strategy to minimize memory usage by 20% and reduce operational costs by 15%.
- Established KPIs to track automation performance and resource consumption.
- Boosted business efficiency through automation solutions.

Software Engineer – VBM | Sep 2021 – Oct 2022

- Designed and implemented automation workflows in UiPath and VB.NET.
- Created custom C# activities and automated Java-based applications.
- Streamlined Excel tasks with VBA and UiPath.
- Designed automation strategy to minimize memory usage by 20% and reduce operational costs by 15%.
- Established KPIs to track automation performance and resource consumption.
- Reduced project delivery timelines significantly; some client processes were shortened from 6 months to just 1 week through optimized automation solutions.

EDUCATION

B.Sc. in Information Systems Engineering — Muğla Sıtkı Koçman University, Turkey — 2020

High School Diploma in Database Programming — *Susurluk Anatolian Technical High School, Turkey* — 2014

VOLUNTEERING

BILMOK – Foyer Area Supervisor – Served as the Supervisor of the Foyer Area during the 15th BILMÖK (Computer Engineers Students Congress) at Muğla Sıtkı Koçman University, held on 1–3 March 2019, ensuring smooth event flow, coordinating activities, and supporting participant engagement.

CERTIFICATIONS

- Google Associate Android Developer (Kotlin)
- Kotlin for Android Developers (JetBrains)

COURSES

- Android Kotlin Development — Udemy (Instructor: Emre Altunbilek)
- Android Mobile Applications – Advanced Level – Udemy (Instructor: Emre Altunbilek)

LANGUAGES

English – Upper Intermediate, Turkish – Native