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# Ferhat Sanli

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Amsterdam, Netherlands | EU Citizenship (Bulgaria)

## About

Self-motivated Automation Engineer with proven expertise in **UiPath**, **VB.NET**, **C#**, and **SQL**. Passionate about designing scalable RPA solutions that reduce operational costs, minimize memory usage, and accelerate process delivery. Combines strong business analysis skills with hands-on development to deliver measurable efficiency gains.

## Skills

**Automation Platforms:** UiPath • AutoHotkey • VBA

**Backend & Scripting:** C# • VB.NET • Python • JavaScript (NodeJS)

**Database & Integration:** SQL • Oracle • REST API

**Operating Systems:** Windows • Linux • macOS

**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

## Professional Experience

### **Software Engineer – AKTEK Oct 2022 – Feb 2023**

- Designed and maintained **UiPath** workflows with **VB.NET** scripting to automate complex business processes.
- Built **SQL automations** integrated with **Oracle** databases, **reducing manual database operations by 79%**.
- Optimized automation strategy to **cut memory usage by 20%** and **reduce operational costs by 15%**.
- Established **KPIs** to monitor automation performance and resource consumption, enabling data-driven improvements.
- Enhanced overall business efficiency through end-to-end RPA solutions.

### **Software Engineer – VBM Sep 2021 – Feb 2022**

- Developed and deployed **UiPath** processes for enterprise-grade automation, incorporating **custom C# activities**.
- Automated **Excel** and **Java-based** applications using **UiPath, VBA**, and **VB.NET**.
- Conducted business analysis to identify high-impact automation opportunities.
- Achieved **20% memory reduction** and **15% cost savings** via optimized workflow design.
- Accelerated project delivery: shortened select client processes from **6 months to 1 week**.

## **Key Projects**

### **Real-time Network Device Tracker**

*(Kotlin, REST API, Raspberry Pi)*

- Developed Android app to fetch and display network scan results from Raspberry Pi.
- Implemented RESTful communication and dynamic device list UI.
- Scans ~15 devices in <5 seconds with real-time updates.

### **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.

### **Habit Tracker & Streak App**

*(Kotlin, Jetpack Compose, Room)*

- Developed an Android application for users to create, track, and maintain daily or weekly habits.
- Implemented Room database for local storage and Jetpack Compose for a modern, responsive UI.
- Added analytics with streak counts and success rate graphs to visualize progress.
- Integrated notification reminders to boost user engagement.

### **Weather & Air Quality Dashboard**

*(Kotlin, Retrofit, Coroutines)*

- Built a mobile dashboard to display real-time weather and air quality data using public APIs.
- Implemented Retrofit for REST API integration with proper error handling and offline caching.
- Designed animated, weather-themed backgrounds using Jetpack Compose.
- Provided multi-city search and detailed forecast views.

### **Grocery Price Comparator**

*(Kotlin, Web Scraping API, Firebase)*

- Created an application to compare grocery prices across different stores using a

web scraping API.

- Integrated Firebase Firestore for storing user preferences and favorite products.
- Added push notifications to alert users of price drops on tracked items.
- Implemented sorting and filtering options for quick decision-making.

## **Education**

### **B.Sc. in Information Systems Engineering**

*Mugla Sitki Koçman University, Turkey – 2020*

### **High School Diploma in Database Programming**

*Susurluk Anatolian Technical High School, Turkey – 2014*

## **Volunteering**

### **BİLMOK – Foyer Area Supervisor**

*Served as the Supervisor of the Foyer Area during the 15th BİLMÖK (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)
- UiPath Advanced Developer – UiPath Academy
- UiPath RPA Developer Foundation – UiPath Academy
- C++ Structured and OOP Programming – Udemy

## **Languages**

**English** – Upper Intermediate

**Turkish** – Native