

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.

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 reducing memory usage by 20% and operational costs by 15%.
- Established KPIs to track automation performance and resource consumption.

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.
- Reduced project delivery timelines from 6 months to 1 week through optimized automation solutions.

SKILLS

Languages: Kotlin, Python, C#, VB.NET, C/C++, SQL, JavaScript, Swift (Basic)

Mobile Development: Android, Jetpack Compose, XML Layouts, Material Design, Flutter, Native Android Development, Android SDK, Google Play Store Publishing Process, Android App Deployment, App Bundle (AAB), Release Management

Frameworks & Libraries: Hilt, Dagger, Retrofit, Room, Coroutine, UiPath, JUnit, MockK, Espresso, Compose UI Testing, Navigation Component, WorkManager, DataStore

Architecture & Concepts: OOP, Clean Architecture, MVC, REST API, Multithreading, Networking, MVVM, SOLID Principles, Design Patterns, Dependency Injection, Repository Pattern, Reactive Programming (Flow), State Management (Compose), CI/CD, Agile (Scrum)

Platforms & Tools: Android Studio, Git, GitHub, Raspberry Pi, Linux, Windows, macOS, GitHub Actions, Gradle (Kotlin DSL), Proguard / R8, ADB, Postman

Automation: UiPath, AutoHotkey, VBA

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

PROJECTS

Real-time Network Device Tracker

- Developed Android app fetching IP/MAC device lists from Raspberry Pi Node.js server.
- Implemented Retrofit + MVVM + Coroutines for robust REST communication.
- Achieved ~15 devices scan in <5 seconds with real-time UI updates.

BringItems — Shopping List App

- Built responsive UI using Jetpack Compose and Material 3.
- Implemented Navigation Compose and real-time state management.
- Enabled sharing via Android Intent integration.

Personal Expense Analyzer

- Developed CSV-based expense tracking with custom charts.
- Added savings target detection and analytical reporting features.

EDUCATION

- B.Sc. Information Systems Engineering — 2020
- High School Diploma in Database Programming — 2014

VOLUNTEERING

- BILMOK – Foyer Area Supervisor (2019)

CERTIFICATIONS

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

COURSES

- Android Kotlin Development — Udemy
- Android Mobile Applications – Advanced Level — Udemy

LANGUAGES

- English — Upper Intermediate
- Turkish — Native