

Fateh Zaliyev

Native Android & Backend Developer, Cybersecurity Analyst, Petroleum Engineer



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Skills

Android SDK, Kotlin, Java, XML, MVI, MVVM

Rest API, Retrofit, Ktor, Volley, LiveData

SQL, SQLDelight, Room DB, ObjectBox DB

Unit and UI Testing, Firebase, Git VCS

Jetpack Compose, Adobe PS, AI

Android Jetpack, Navigation, SharedPreferences

Services, EventBus, Dagger Hilt, Koin, Threading

Workmanager, Kotlin Flows, Coroutines

HTML, CSS, JS, Spring Boot, Hibernate

Docker, Docker Compose, Kubernetes

Red Teaming

DDOS, XSS, CSRF, SSRF, SQLi,

Nmap, Burpsuite, Metasploit

Blue-Teaming

Suricata, Snort, Wazuh, Splunk, Wireshark

Experience

Mobiware Project

05/2022 – 07/2022

- Mobile project about technological device features written with Kotlin and XML. Applied Retrofit for Rest API, Firebase Authentication, Storage, Realtime DB, Room DB, Dagger Hilt based on MVVM.

<https://play.google.com/store/apps/details?id=com.ktxdevelopment.mobiware>

Gamenote Project

09/2022 – 11/2022

- Mobile WebView application of a local computer store written in Kotlin and XML, which makes use of Retrofit for Network observability, Firebase for notification and feedback management.

<https://play.google.com/store/apps/details?id=com.ktxdevelopment.gamenote>

Baily Project

01/2023 - present

- Mobile application of a local shoe store written in Kotlin. Project makes use of Room DB and SharedPreferences for caching, while Dagger Hilt is applied for DI. Firebase Auth, Storage, Firestore DB, Remote Config and Cloud Messaging components are enabled.

- Backend app was written in Spring Boot although this project was suspended, to use Firebase API.

<https://play.google.com/store/apps/details?id=com.ktxdevelopment.bailyaz>

<https://github.com/FatehZ/baily-api>

SM Blog Project

05/2023 - present

- Native Android project of a blog application which applies SQLDelight for caching, Koin for DI, and Ktor for API integration. App is estimated to be available at early January.

- Backend is a microservice app implemented in Spring with JWT, JPA, Hibernate, MVC, Docker

<https://github.com/FatehZ/smapi>

<https://github.com/FatehZ/sirati-mustakim-mobile>

LearnEon mobile application

11/2023 - present

- Native Android application of an online mentorship and career consulting program. *DigiHack 2023 Azerbaijan winner startup*

Pirallahi Oil Field

06/2022 – 07/2022

- Get engaged in oil storage, transportation, cooking, well washing activities, visited various oil producing wells, observed pressure gauge measurements in pipelines, data recording and reporting processes, got acknowledged safety rules, and acquired experience from industry professionals.

Amirov Oil Field

06/2023 – 07/2023

- Met safety procedures within the field, visited oil transportation, preparation, storage facilities, observed well records, oil analysis techniques, drilling bits, well washing activities, repairment and maintenance of the tubings.

Bibiheybat Oil Field

12/2023 – 01/2023

- Visited drilling site to observe oil wells operating in gas-lift and rod-lift methods. Get acknowledged of reservoir properties, well development, completion and cementing technologies applied in the field.

Public repositories

- <https://github.com/FatehZ>

Education

- **Cybersecurity**, 01/2024 - 05/2024
Codelandia Academy

- **Petroleum Engineering (Bachelor)**, 09/2020 - 06/2025
Baku Higher Oil School.
Modules included:

English 1, 2

Reservoir Eng. 1, 2

Mechanics 1, 2

ICT 1, ICT 2

Math 1, 2, 3, 4

Process Eng. 1, 2, 3

Process Industries A, B

Drilling Eng. 1

Language

Azerbaijan
C1

Turkish
C1

English
B2