NURULAH KAYA

MOBİLE DEVELOPER

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Military Status:	Completed

SUMMARY

Mobile developer with 4+ years of experience building cross-platform apps using Flutter, SwiftUI, and platform channels for multi-language integration. Skilled in IoT communication (MQTT, REST), NFC payment integration, and CI/CD automation with GitHub Actions and Codemagic. Experienced in deploying machine learning models (TensorFlow, Vertex AI) for NLP and image processing. Passionate about creating intelligent, user-focused mobile solutions.

WORK EXPERIENCE

Mobile Developer (Flutter & SwiftUI) – Architecture Design, Digital HAT Ltd.   **May 2024 - Present**

- Designed and developed a mobile platform to fully digitize occupational safety workflows, including subcontractor and visitor management, work permit approvals with digital signatures, and an in-app exam system to ensure compliance before facility entry.
- Built a feature-rich event and matchmaking app enabling users to purchase tickets via Stripe and Apple Pay, join real-time chat and video rooms using WebRTC, and connect through a Tinder-like matching system with live interaction powered by SignalR.
- Developed a brain activity tracking app that captures EEG signals, processes them via Bluetooth, and analyzes user reactions to create personalized cognitive learning curves, including real-time stress monitoring and historical data visualization.
- Implemented a telemetry system for UAVs by transmitting Pixhawk Cube Orange flight controller data via GSM and MQTT, enabling long-range drone monitoring and control through a mobile application without dedicated telemetry hardware.

Mobile Developer (Flutter & SwiftUI), İle Yazılım Ltd.   **Mar 2024 - Sept 2024**

- Integrated Mastercard Tap on Phone via platform channels to build a secure mobile payment app, enabling seamless NFC-based transactions without external hardware.
- Developed a comprehensive logistics management system that automates workflows for loaders, carriers, and administrators, including real-time reporting, permission tracking, and non-compliance documentation.

Software Technology Trainer, T3 Vakfı   **Agu 2023 - Apr 2024**

- Taught data structures and C/C++ programming to over 160 students as part of a national technology education initiative at the Turkey Technology Team Foundation (T3 Foundation).

Mobile Developer (Flutter), Creamobile Bilişim Ltd.   **Jul 2023 - Sept 2023**

- Built a dynamic UI engine that allows users to design their own mobile interfaces via drag-and-drop, automatically converting the output to JSON and rendering platform-specific Flutter widgets to generate personalized applications without writing code.

Full Stack Mobile Developer (Flutter & PHP), Acikliyorum Startup   **Sept 2021 - Jul 2023**

- Developed a mobile application that allows users to earn money by submitting reviews with 250+ words and 4+ photos, leveraging ad revenue through Ezoic and Google AdMob as the primary monetization strategy.

EDUCATION

Ahi Evran Universty B.Sc. in Computer Engineering   **Aug 2020 - July 2024**

ADDITIONAL INFORMATION

- **Skills:** Flutter, SwiftUI, Dart, C/C++, and state management with Riverpod; experienced in clean architecture, platform channels, dynamic JSON-based UIs, IoT communication (MQTT, REST), NFC payments (Tap on Phone, Stripe, Apple Pay), CI/CD with GitHub Actions & Codemagic, machine learning (TensorFlow, Vertex AI), real-time systems (WebRTC, SignalR, DroneKit), and database tools (SQLite, Hive, NoSQL)
- **Certifications:** Google Digital Workshop Flutter, Unmanned aerial vehicle competition, BTK Web development