

# Batuhan Arda

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Website: <https://batuhanarda.com>

## PROFILE

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I am a software engineer developing scalable and high-performance iOS applications using SwiftUI, Combine, and SwiftData. Depending on project complexity and requirements, I flexibly implement **MVVM**, **Clean Architecture**, or **Modular Architecture** approaches to build maintainable codebases. I optimize the development lifecycle utilizing **Tuistand CI/CD pipelines**, ensuring that my technical decisions are consistently driven by a commitment to clean code and delivering an outstanding user experience.

## SKILLS

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**Languages & Frameworks:** Swift, SwiftUI, Combine, SwiftData

**Architecture & Principles:** MVVM, Clean Architecture, Modular Architecture, OOP, POP, SOLID

**Tools & Package Management:** Tuist, CI/CD, Fastlane, Swift Package Manager (SPM), Git, GitHub

**Backend & Monetization:** Supabase (PostgreSQL, Edge Functions), Firebase, RevenueCat, AdMob

**Soft Skills:** Product Thinking, UI/UX Sensitivity, Problem Solving, Self-Motivated

## EXPERIENCE

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### Personal Projects | 2023 – Present

- Developed scalable iOS applications using SwiftUI and SwiftData, managing complex dependencies with **Tuist** and **Modular Architecture**.
- Ensured **thread safety** and eliminated **data races** by leveraging modern **Swift Concurrency** (**async/await**, **Actors**, **Sendable**) within network layers.
- Optimized application performance and strictly managed **memory allocation** (ARC), proactively resolving **retain cycles** and **memory leaks** using Xcode Instruments.
- Engineered scalable backend infrastructures using cloud services and orchestrated end-to-end subscription workflows with **RevenueCat**.
- Automated testing and **deployment workflows** by constructing **CI/CD pipelines**.

### Published Apps (Available on the App Store)

- [Inkify: AI Tattoo Design](#) → A creative platform for generating personalized tattoo designs and exploring them via virtual try-on.
- [Talk with Me: Kids Learning](#) → An interactive educational application designed to support children's speech therapy and development.
- [Nailux: AI Nail Design](#) → A professional tool for designing, visualizing, and experimenting with unique nail art transfers.
- [Taboo Words: Learn Languages](#) → A vocabulary learning game that accelerates language acquisition through word associations.

## EDUCATION

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[Bahçeşehir University](#)

Istanbul, Turkey | 2023 – Ongoing

Bachelor of Science in **Software Engineering**

[Trakya University](#)

Edirne, Turkey | 2020 – 2022

Associate Degree in Computer Programming

## AWARDS

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### Apple Swift Student Challenge Winner | 2026

I was recognized as one of only 350 global winners selected from thousands of applicants for demonstrating technical excellence and creative innovation in Swift development.