

# HOSSEIN HOSSEINPOUR

## Mobile Software Engineer

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## PROFESSIONAL EXPERIENCE

### Flutter Developer

#### CodeBeeX SRL

📅 April 2024 – Ongoing    📍 Pauda

- **Engineered "Photo Shark" (Offline-First Mobile App):** Architected a resilient mobile solution allowing demolition teams to capture 10,000+ images in low-connectivity environments. Implemented background sync queues using Drift and custom logic, ensuring 100% data integrity upon reconnection.
- **Developed "Parts Creator" (Flutter Web):** Built a complex single-page application (SPA) featuring dynamic forms and 3D iframe integration. Resulted in a 40% reduction in cataloging time for the operations team.
- **Architected "Inventory Genius":** Led the end-to-end development of a warehouse management system. Utilized Riverpod for robust state management of complex flows (transfers, orders, returns), improving system reliability by 60% compared to the legacy solution.
- **Mentorship & Leadership:** Onboarded and mentored two junior developers, reducing their ramp-up time by 50% through code reviews, pair programming, and documentation of architectural standards.

### React Native

#### Vasetkala

📅 Sep 2021 – Aug 2022    📍 Remote

- **Legacy Code Refactoring:** Spearheaded the migration of a legacy class-based codebase to a modular, functional component architecture (Hooks). Reduced crash rates and bug frequency by 30%, significantly stabilizing the production release.
- **Feature Delivery & Growth:** Collaborated with backend and design teams to ship high-priority user features, directly contributing to a 15% increase in Monthly Active Users (MAU).
- **Performance Optimization:** Overhauled global state management using Redux, eliminating unnecessary re-renders and improving app start-up time by 20%.

## EDUCATION

### M.sc. in Computer Engineering

#### University of Padua, Italy

📅 2022 – 2025

### B.sc., in Computer Engineering

#### University of Science and Technology, Iran

📅 2017 – 2021

## SUMMARY

"Mobile Software Engineer with a Master's in Computer Engineering and 2+ years of production experience shipping scalable Flutter and React Native applications. Expert in offline-first architectures, state management (Riverpod/Redux), and system optimization. Proven track record of reducing technical debt by 30% and delivering business-critical tools that increase operational efficiency by over 40%. Passionate about clean architecture, CI/CD automation, and mentoring junior engineering talent."

## SKILLS

### Mobile Development

Flutter (Dart, Riverpod, Provider, Drift, Flutter Web), React Native

### Backend / API

REST API integration, PostgreSQL, Firebase, Supabase, Nest js

### Frontend

TypeScript, Vue.js, React, Next js

### Testing

Flutter unit/widget testing, Jest, RN Testing Library

### Devops

CI/CD, Fastlane, Docker (basic)

### Tools

Git, Trello, Slack

## STRENGTHS

Problem-Solving

Teamwork

Agility

Cross-Functional Communication

## LANGUAGES

English



Farsi

