Danial Khakbaz

Front-end Engineer | Front-end Architecture

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SUMMARY

Experienced Software Engineer with **6+ years** of experience designing and developing scalable, maintainable web applications. Experienced in Front-end architecture, monorepo ecosystems, and modernizing legacy systems, with a strong foundation in Clean Architecture, SOLID principles, and performance optimization. Proficient in React, Next.js, and TypeScript, with a focus on building robust, reusable solutions and collaborating across teams to deliver high-quality software.

SKILLS

Languages: Javascript, Typescript, Python

Frameworks and Libraries: React, Next.js, Redux, TanStack Query, Zustand, Express.js, NestJS

Architecture & Engineering: Monorepo Architecture, Multi-Zone Architecture, Clean Architecture, SOLID Principles, Component-Driven Development, Reusable UI Systems, Performance Optimization

APIs & Communication: RESTful APIs, gRPC, WebSockets

Tools & Practices: Git, Progressive Web Apps (PWA), Agile, Scrum

EXPERIENCES

FRONT-END ENGINEER AT BLU BANK

Tehran, Iran (Hybrid) • 07/2025 - Present

- At Blu Bank, a leading digital bank serving over **26 million users**, I contributed as a Front-end Engineer to the design and development of complex internal platforms powering operational workflows at scale
- Designed scalable, modular Front-end structures following **Clean Architecture** and SOLID principles, emphasizing separation of concerns, maintainability, testability, and **long-term** extensibility
- Built **reusable** UI components, shared libraries, and standardized development patterns to reduce code duplication and promote consistency across multiple applications
- Developed and maintained business-critical internal platforms, integrating back-end APIs to support complex operational workflows, dynamic data visualization, and near-real-time updates
- Collaborated with back-end engineers and product teams on technical design decisions, code reviews, and architectural improvements, contributing to code quality, performance, and reduced technical debt

FRONT-END DEVELOPER AT BANK-ID

Tehran, Iran (Hybrid) • 09/2022 - 07/2025

- Worked in the Bank-ID team as the **first e-KYC service provider** in Iran, delivering AI-driven identity verification solutions with more than **100,000** daily users and **millions** of successful authentications
- As a Front-end developer in our team, I contribute to creating **intuitive** and **user-friendly** interfaces that make our technology accessible and easy to use
- Tackled highly complex concepts and projects, including creating reusable components for our customers to integrate into their code
- Collaborated on creating a **gRPC based** panel, consolidating 4 separate panels into a single, highly **reusable** interface
- Contributed to streamlining processes and improving development team efficiency
- Thrived in a **fast-paced** and **demanding** environment, tackling complex concepts and projects that required a high degree of precision and ability adapt to changing circumstances

FRONT-END DEVELOPER AT HADISH PARSEH

Tehran, Iran (Hybrid) • 07/2020 - 08/2021

- Developed a **multi-language** shopping website with a focus on improving client experience
- Built a **vertical B2B website** including three panels based on the roles in the company with certain accessibilities and also Operated in an agile-driven environment to effectively maintain project timelines

FRONT-END DEVELOPER AT CROSS SPORT

Tehran, Iran (On-Site) • 06/2019 - 03/2020

- CrossSport is one of the **largest** online stores and manufacturers of sport equipment in the country
- Started off my professional career with a solid team as a Front-end developer

EDUCATION

MASTER in **Computer Engineering** at **IAU**

Tehran, Iran • 2023 - Present