

Amir Salehi

Software Engineer

Date Of Birth: 1997-10-23

✉ salehi.amir9@gmail.com

☎ (+98)9120447811

🌐 amyrsaalehi.ir

📍 Tehran, Iran



Profile Summary

Versatile Software Engineer with over 6 years of experience architecting and scaling complex full-stack web and decentralized applications. Proven expertise in bridging frontend UI excellence with robust, high-performance backend infrastructure. Specialized in building mission-critical services using Clean Architecture, distributed message queues, and real-time processing. Adept at navigating diverse tech stacks—from Web3 DEXs and 3D game DApps to AI-powered annotation platforms and high-volume Telegram bot services. Passionate about engineering performance, observability, and scalable system design.



Skills

Javascript

Typescript

HTML

CSS

SCSS

Tailwind

Material UI

Shadcn

React

Vue

Node

Bun

Hono

Next

Nuxt

Prisma

Drizzle

tRPC

GraphQL

Websocket

Socket.io

Python

Flask

Django

Rust

Wasm

Golang

Gin

Gorm

Dart / Flutter

Swift / SwiftUI / SwiftData

Kotlin / Jetpack Compose

React Native

Bullmq



Social Network

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Work Experience

Full-stack Developer

Pars Iranian Artificial Intelligence Technologies

Tehran, Iran

August 2025 - Present

AlgoDesk: Developed a React and TypeScript-based ticket and workflow management platform.

- Built interactive flow and form builders with drag-and-drop functionality and visual process tracking.
- Implemented responsive dashboards, role-based access, API integration, and RTL/Persian language support.

Annotopia: Developed a responsive, role-based data annotation platform for managing users, projects, tasks, reviews, payments, and reports.

- Built annotation workflows for OCR, speech recognition, phonemes, timestamps, document layouts, and handwriting datasets.
- Implemented the frontend using React, TypeScript, Redux Toolkit, Material UI, Vite, and REST API integrations.

Full-stack Developer

Danel Gold

Dubai, Emirate Of Dubai, United Arab Emirates (UAE)

February 2025 - August 2025

- Developed frontend features with Next.js 15 App Router, Server Components, Route Handlers, and shadcn UI.
- Modeled real-time data and social/chat features using Convex.
- Implemented Web3 functionality with Thirdweb, including wallet connect, mint, list, sell, transfer, and metadata sync.
- Built social collaboration features for artists and galleries including threads, comments, notes, statuses, and alerts.

Full-stack Developer

Infinite8 (Landocker)

Dubai, Emirate Of Dubai, United Arab Emirates (UAE)

February 2024 - February 2025

- Developed 3D browser game DApps using Three.js and React.
- Implemented real-time state, leaderboards, and progress tracking with Convex.
- Optimized rendering through code splitting, asset compression, and render loop improvements.
- Built backend services and APIs for game progress, inventory, and rewards using Go/Gin and Python/Flask.

Senior Frontend Developer

Supnex

Dubai, Emirate Of Dubai, United Arab Emirates (UAE)

January 2023 - February 2024

- Maintained and expanded a Vue 3 codebase using Composition API and Vuex.
- Refactored legacy components and modularized Vuex stores.
- Developed reusable and accessible components for a React rebuild using IBM Carbon Design System.
- Contributed to open-source by fixing a bug in the Carbon Design System.

Full-stack Developer

Digify

Tehran, Iran

December 2021 - January 2023

- Developed a vendor web app using Next.js and Apollo GraphQL.
- Implemented Apollo Client v3 cache management, optimistic updates, and pagination.
- Wrote extensive Cypress tests across unit, component, integration, and end-to-end levels.



Certificates

CS50's Introduction to Programming with Python

Institute: Harvard University (edX)

August 2026

Android Pack Certificate

Institute: Tehran Institute of Technology

May 2019

Web Design Pack

Institute: Tehran Institute of Technology

December 2018



Language

Persian



English



Education

Diploma in Mathematics

Institute/School: National Organization for Development of

Exceptional Talents (Sampad)

Tehran, Iran

September 2014 - June 2016

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Frontend Developer

LegaMart

Tehran, Iran

December 2020 - December 2021

- Developed marketing landing pages using Next.js and TypeScript.
- Implemented SSR, SSG, and ISR for improved SEO and page load speed.
- Built a high-performance user dashboard utilizing React Query for complex data fetching.

Frontend Developer

Aris ISD

Tehran, Iran

January 2020 - December 2020

- Built an admin module in React with Context API for editor state management.
- Developed a drag-and-drop page/post builder with reusable content blocks and SEO controls.

Junior Frontend Developer

Simorq Tejarat

Tehran, Iran

January 2019 - January 2020

- Developed a React and Redux admin panel for enterprise bill payment systems.
- Implemented complex features like bulk CSV processing, scheduling interfaces, and data virtualization.



Projects

All In Bot

A high-performance Telegram bot backend.

- Built a TypeScript/Bun Telegram bot backend for a trading campaign, delivering scheduled trade history, reports, and admin broadcasts to users.
- Designed a Postgres-backed notification scheduler with BullMQ workers, crash recovery, and Redis rate limiting for reliable, at-scale Telegram delivery.
- Structured the service with Clean Architecture and split process roles (bot, scheduler, worker), with Prometheus metrics for production observability.

Dextrading

March 2025

A decentralized exchange platform.

- Architected UI components and state management for a performant trading interface.
- Next.js 14, Web3

No Click Games

A click-free play-to-earn gaming platform.

- Token-based reward system tied to NFT power.
- T3 Stack (Next.js 14, tRPC, Prisma, PostgreSQL), Web3

Infinite Storage

A decentralized file storage platform with content filtering.

- Secure file upload with AI-based NSFW detection and on-chain preparation.
- Next.js 14, Convex, Rust, Web3

NFTMP

An NFT marketplace and admin dashboard.

- Fully functional NFT ecosystem similar to OpenSea.
- Next.js, Tailwind, Thirdweb, ethers.js, Solidity, Supabase, Express.js

Algonet Website

Corporate website and internal management system.

- Bilingual site and admin dashboard for centralized content management.
- Next.js 15, TypeScript, tRPC, Prisma, PostgreSQL

Crypto Hunt

A 3D browser-based Game DApp.

- Optimized 3D rendering and real-time state synchronization.
- Three.js, React, Convex