ASHKAN KHODAYARKHANI HAMEDANI



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Profile

Frontend / Full-Stack Developer with **7+ years of experience** in software development, IT systems, and process automation. Skilled in **React**, **Next.js**, **TypeScript**, **JavaScript**, PWA, **Python/Django**, **Linux**, and **SQL**. Hands-on experience taking a production application from **React**/Vite PWA development through **Android** packaging with **Capacitor**, closed testing, **Google Play production** release, privacy/compliance, and monetization. Structured, user-focused, and experienced in enterprise and academic environments.

Work experience

Independent App Developer
04/2026 - Present

Rubacava Studio — **Bochum**

Founded an independent app studio, taking products from concept to production and maintaining them after launch. Stack: React, Tailwind CSS, Capacitor.

- **FaraPDF**: Android PDF toolkit (read, edit, merge, compress, sign, scan, convert) with fully on-device processing. Published on Google Play.
- **A1 B1 Goethe Exam Vocabulary**: Android app for German learners with flashcards, quizzes, and progress tracking. 1,500 downloads on Google Play.

Frontend Developer - React & Next.js
11/2024 - 04/2026

OmidPay (Farapardazan Arvand Omid) — **Tehran**

OmidPay is ranked **#22 Global PSP** (payment service provider) by Nilson Report (2024), processing **45B+ transactions annually** with over **$42.7B** in total volume.
Built omidpayment.ir (Iran access) with a **4-member front-end team** using **Next.js SSR**, delivering a fast, **SEO**-optimized, bilingual UI.

- Contributed to the company-wide **Design System** with **Storybook**, improving consistency, reusability, and maintainability across front-end projects.
- Co-designed and implemented the Kara user panel (kara.omidpayment.com) in **Figma** + **React** using **React Router DOM** and **TanStack Query**.
- Reviewed and resolved front-end security vulnerabilities for Nanino.ir and Nazar.ir, coordinating fixes across Front-End, Back-End, and DevOps teams.
- Built the bit.ir landing page with **Next.js 14+** (**App Router**) and a responsive Kiosk Dashboard for POS, standalone kiosks, and multiple screen sizes.
- Designed the authentication system for the Arenapark project (**React** + **Django**), enabling secure and seamless user access.

Lecturer
09/2022 - 09/2025

Shamsipour Technical and Vocational University — **Tehran**

Courses: **Web Development** (**Django**, HTML/CSS/JS) | Multimedia in Web | Multimedia (Articulate 360, Adobe CC) | Game Design (**Unity**, **3ds Max**, C#) | **Project Management** & Mentorship (Agile, capstone supervision, debugging, version control).

Automation Developer
12/2023 - 03/2024

Mahan Institute (Herfeh+) — **Tehran**

Designed and implemented a **Payment and Invoice Automation System** for the Sales Department using **Django**, streamlining payment processes.

Web & IT Support Generalist
08/2019 - 12/2023

S.A.I Inspection **Tehran**

Part-time Technical Generalist responsible for WordPress development, IT support, network administration (Active Directory, Windows Services), scripting, help desk, and full-stack technical operations.

Software Development Content Creator
06/2021 - 09/2021

Rastava **Tehran**

- Researched reputable IT and programming resources, translated technical content, and produced step-by-step programming tutorials covering **web development**, software engineering, and programming languages.

Assistant Director & 3D Animator
03/2008 - 11/2012

7th Negah Honar **Tehran**

- Assistant Director & 3D Animator for the animated series “Mardan-e-Mard” and “Misaq”; produced 3D sequences in **3ds Max** and refined visual assets in **Adobe Photoshop**.

Education

M.Sc. Information Technology (E-Commerce)
09/2019 - 03/2022

Islamic Azad University, Central Tehran Branch **Tehran, Iran**

- Thesis: **Automatic credit card fraud detection** based on **deep learning** approaches
- **GPA: 18.96/20**

B.Sc. Software Engineering
09/2016 - 03/2018

Islamic Azad University, Tehran North Branch **Tehran, Iran**

- Final Project: Using **Image Processing** in the Proposed **Drowsiness Detection System** Design
- **GPA: 19.13/20**

Skills

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Storybook, TanStack Query, React Router DOM
PWA / Mobile: Progressive Web Apps (PWA), Capacitor, Android packaging, Google Play Console, production release lifecycle, AdMob, UMP consent, offline-first applications, localization/i18n
Backend & APIs: Python, Django, REST APIs, GraphQL, SQL
Tools & Workflow: Git, GitHub, Docker, Jira, Agile / Scrum, Figma, Linux
Language skills: German (B1) | English (C1) | Persian / Farsi (Native)

Professional qualifications

Advanced **Next.js** Development for Large-Scale Applications - classbon.ir | Advanced **JavaScript** (Asynchronous) - classbon.ir | **React** & Redux Expert Course + **React** 18 - botostart | **Machine Learning Bootcamp** - University of Tehran (2022) | Crash Course on **Python** - Google / Coursera | Using **Python** to Interact with the Operating System - Google / Coursera | IoT Bootcamp - IoT Iran

Honors & Awards

- **First-ranked graduate**, M.Sc. Information Technology (E-Commerce), GPA 18.96/20
- **First-ranked graduate**, B.Sc. Software Engineering, GPA 19.13/20
- **Recognized as a model IoT team at IoT Iran Bootcamp (2022)** for implementing vehicle security using humidity and temperature sensing with API integration.

Personal Projects

A1 B1 Goethe Exam Vocabulary

https://play.google.com/store/apps/details?id=com.ashkan.germana1vocabulary

A production multilingual German-learning application built with **React** + Vite, implemented as a PWA and packaged for **Android** with **Capacitor**. Released to **Google Play production** in July 2026 Release and monetization experience with Google Play Console, AdMob, UMP consent, app-ads.txt, and production updates.

FaraPDF: All PDF Tools Private

https://play.google.com/store/apps/details?id=com.farapdf.app

Developed FaraPDF for Android with **React** and **Capacitor**, featuring offline PDF processing, advanced editing, and optimized file handling.managed the end-to-end Google Play deployment and **release process**.

Pelak-Yab - Vehicle Utility Platform

https://pelak-yab.ir/

Web platform providing vehicle license plate lookup, fuel-consumption calculation, and programmer career quiz tools. Built with a focus on **server-side rendering (SSR),** performance, SEO, and user-friendly design. Achieved **Google search rankings between positions 1 and 3** for targeted queries.

Developer Portfolio - khodayarkhani.ir

https://khodayarkhani.ir/

Originally built in **React** and later migrated to **Next.js** to improve **SEO** performance. Powered by a **Django** + **GraphQL** backend, styled with **Tailwind CSS**, and deployed as a **static site (SSG)**.

Weather Application

https://weather-application-vite-react.vercel.app/

Client-side weather application built with **React** (Vite), focused on responsive UI, **client-side rendering (CSR)**, and efficient API integration for live weather data.