REZA KHARAZMINIA

FULL-STACK SOFTWARE ENGINEER

EXPERIENCE

2025 - Present **FOUNDER & SOFTWARE ENGINEER**
SubKhoone.com

Founded and independently developed **subkhoone.com**, a full-stack e-commerce platform for selling **digital subscriptions** (Spotify, Apple Music, ChatGPT, etc.) and **gift cards** (Steam, PlayStation, and more).

- **End-to-End Development:** Architected the entire platform as a full-stack web application using **Next.js** with **TypeScript**, ensuring type safety, modularity, and maintainability.
- **Database & ORM:** Integrated **PostgreSQL** as the main database with **Prisma ORM**, enabling efficient, type-safe queries and seamless schema management.
- **Authentication & Security:** Implemented a secure authentication flow using **NextAuth**, supporting **2FA** via **SMS APIs** , and enforced a **role-based access control (RBAC)** system for admin and user-level permissions.
- **Performance Optimization:** Utilized **Redis** for **caching** and **real-time data access**, significantly improving performance for high-frequency operations.
- **Responsive UI/UX:** Built a modern and responsive interface using **Tailwind CSS** and **Headless UI**, combined with **Framer Motion** for smooth, dynamic animations that enhanced user engagement.
- **Multilingual Support:** Implemented **internationalization (i18n)** with **next-intl**, supporting both Farsi and English, and designed the system for easy addition of new languages and translations.
- **Content System:** Developed a **blog system** using **MDX** and **Next MDX Remote**, allowing dynamic integration of React components within articles for interactive and engaging posts.
- **Admin Dashboard:** Designed a complete **admin panel** to manage users, handle support tickets, process orders, and monitor activity efficiently.
- **Ticketing & Notifications:** Implemented a comprehensive **ticketing system** for customer support with **real-time notifications** via both **SMS** and a **custom Telegram Bot**, notifying admins of new orders or tickets instantly.
- **Payment Gateway Integration:** Integrated **Zarinpal** as a secure payment provider, designing custom **anti-race condition** mechanisms and ensuring **transactional integrity** to prevent fraudulent or duplicate payments.
- **Rate Limiting & Security:** Added a robust **rate-limiting system** to protect API endpoints from abuse and prevent brute-force attacks.

CONTACT

+98 917 267 4181
Reza.kharazmi1379@gmail.com
Shiraz , Iran
RezaKharazminia
Rez79Kh

SKILLS

Programming Languages

JavaScript , TypeScript , Python , Java , Kotlin , C/C++

Frontend Engineering

React.js , Next.js , Vue.js , Nuxt.js , Progressive Web Apps (PWA) , Service Workers , Web App Manifests , Offline Caching , Installable Web Apps , Push Notifications , Tailwind CSS , Headless UI , Framer Motion , Responsive Design

Backend Engineering

Node.js, Express.js , REST APIs , WebSockets , Socket.IO , Authentication & Authorization , RBAC , Background Jobs , Cron Jobs

Databases & Caching

PostgreSQL , MySQL , MongoDB , Redis , SQLite , Prisma ORM , Database Design , ERD

Automation

n8n , CLI Development , Workflow Automation

- **Maintenance & Deployment:** Built a **one-click maintenance mode** without requiring redeployment and leveraged **Vercel** for **CI/CD** pipelines, analytics, and performance monitoring.
- **SEO & Growth:** Implemented SEO best practices (**structured metadata**, **sitemap generation**, **canonical tags**) to improve visibility and indexing on Google and other search engines.
- **Automation & Background Jobs:** Configured **cron jobs** for tasks such as automatically canceling long-pending orders and managing database hygiene, ensuring consistent system performance.
- **Real-Time Pricing Engine:** Developed a **dynamic pricing system** that updates product prices in real time based on demand or external conditions.
- **Global Notifications System:** Built a **centralized toast and notification handler** to display consistent alerts and messages across the app.
- **Responsive & Accessible Design:** Ensured the entire website is **fully responsive** across all screen sizes and accessibility-compliant for a broad user base.

EXPERIENCE

2022 - 2026 **SOFTWARE ENGINEER**
DERAK CLOUD

Full-stack Software Engineer working across frontend, backend, distributed systems, databases, CI/CD, and cloud infrastructure for a cloud services provider offering CDN and Infrastructure-as-a-Service solutions.

- Used **Component-Based Architecture** to develop modular and reusable components, leading to efficient code maintenance and scalability across multiple projects.
- **Animations** to enrich user interfaces with eye-catching animations that improve user experience.
- Implemented various **Charts** to transform complex data sets into visually compelling and interactive graphical representations.
- **Effective Communication** With Other Teams (Sales , Marketing , ...) to meet their needs.
- Built efficient and scalable web applications using **Express.js**, optimizing server-side logic and handling numerous simultaneous client requests smoothly.
- Implemented robust **Validation mechanisms** to ensure the accuracy and integrity of user input and system data processes.
- Used **Socket.IO** for building real-time, bidirectional communication applications that enhance user engagement.
- Configured and managed **Apache Kafka** for high-throughput, fault-tolerant messaging, significantly enhancing data processing capabilities.
- Expertly managed **MongoDB** for high-performance, flexible data handling, optimizing data retrieval and storage processes.

DevOps & Infrastructure

Kubernetes , Docker , Nginx , GitLab CI/CD , Linux , Vercel , Service Deployment , Cluster Management , Production Operations

Monitoring & Observability

Prometheus , Grafana , Application Monitoring , Infrastructure Monitoring , Metrics & Observability

Messaging & Distributed Systems

Apache Kafka , RabbitMQ , Event-Driven Architecture , Message Queues

Software Architecture

Full-Stack Architecture , API Design , Microservices , Distributed Systems , Component-Based Architecture , MVC

Development Tools

Git , Postman , Figma , Adobe XD

LANGUAGES

Persian
Native

English
Fluent

- Utilized **MySQL** to implement robust and scalable databases, ensuring data integrity and optimal performance in transaction processing.
- Integrated **Rule Engine** technologies to automate decision-making processes, improving system intelligence and operational efficiency.
- Developed and utilized **CLIs** to streamline workflow automation and process execution, enhancing developer productivity.
- Orchestrated continuous integration and deployment using **GitLab CI/CD**, minimizing downtime and accelerating product iteration cycles.
- Initialized and configured a **Kubernetes cluster** and migrated all existing services from standalone **Docker** deployments to **Kubernetes**.
- Managed and maintained services within the **Kubernetes** cluster, handling deployments, updates, configuration, and operational troubleshooting.

EXPERIENCE

2020-2022 **ANDROID DEVELOPER**
Freelancer

An Android application for preparing a safe environment for SafePay and having a SafeDeal.
I worked in a team of four in this project.
The goal of this project is to have no more feelings of insecurity or worry for someone who wants to make a fair business for both sides.

- Refactored the application with the **MVVM** architecture and tried to improve the performance using **RxJava**.
- Supporting group **VideoCall**.
- **Custom views** for dialogs and progress bars.
- Implemented all banking stuff like withdrawing money, transferring money, etc.
- Implemented **WebSocket** to manage VideoCall challenges.
- Communicated effectively with the backend team.
- Implemented the application UI with **XML** design.

EDUCATION

2019-2023 **B.S. in Computer Engineering**
Shiraz University
GPA : 15.41

2013-2019 **High School Diploma**
National Organization for Development of Exceptional Talents (Sampad)
GPA : 18.77

SELECTED EARLIER PROJECTS

Handy Note Android , Kotlin , MVVM , Room , Coroutine

An Android application in the field of digital currencies. With this application can be aware of current changes in all Crypto Currencies . It uses https://coinmarketcap.com/ api to get all current information for every crypto currencies .

Krypto Android , Java

An Android application in the field of digital currencies. With this application can be aware of current changes in all Crypto Currencies . It uses https://coinmarketcap.com/ api to get all current information for every crypto currencies .

Mad Driver Unity , C#

An android driving game which was a challenging experience for me in game development .I designed everything in the game myself , like its map , cars and etc.

Sample Bank App Python , Pygame

An App to manage different tasks that a bank can do , like: Create bank account , Show all Bank accounts , User sign up , Get Bank account Logs , Show All transactions , Make Transactions and etc.
I used pygame in this project to make a better UI/UX experience for users.

CPU Scheduling Algorithms Java

Implemented some of important CPU Scheduling algorithms likes: First Come First Serve, Shortest Job First and Round Robin.
It was a good practice to understand how CPU works with different algorithms.
This project receives an csv input file and output several information of processes.

LAST UPDATE: 19/09/2026