

# Yasin Karbasi

## Full-Stack Developer

[✉️](mailto:yasinkardev@gmail.com) yasinkardev@gmail.com

[📞](tel:+989981944763) +989981944763

[📍](#) Tabriz, Iran

[⌚](#) YasinKar



## Professional Summary

Full-Stack Developer with 3+ years of experience building scalable, high-performance web applications. Strong background in distributed systems, microservices architecture, and backend optimization. Passionate about low-level concepts and continuously improving system design and performance.

## Professional Experience

### Freelancer

2023 – 2025

- Optimized application performance by introducing Redis caching and asynchronous background tasks with Celery, reducing response times by up to 40%.
- Deployed and maintained containerized applications using Docker and Kubernetes, ensuring high availability and scalability.
- Collaborated directly with clients to analyze requirements, propose technical solutions, and deliver end-to-end systems.

## Technical Skills

### Programming Languages:

Python, TypeScript

### Frameworks:

Django(DRF & Graphene), FastApi, NextJS

### Tools & Technologies:

Celery, Nginx, Apache Kafka, Fluentd

### DevOps & CI/CD:

Docker, Kubernetes, Github Actions

### Databases:

PostgreSQL, MongoDB, Redis

### Methodologies:

Agile, Microservices, SOLID Principles, Design Patterns

## Projects

### Powerful Microservices [🔗](#)

Designed and implemented a scalable, event-driven microservices architecture using FastAPI and Django. Utilized Apache **Kafka** for inter-service communication with **Saga choreography** and **eventual consistency**. Centralized authentication and authorization using **Keycloak**. Deployed on **Kubernetes** with centralized logging, caching, and **database sharding** to achieve high scalability.

### Learnium [🔗](#)

A learning platform built with Django and NextJS, designed for secure content delivery and rich user interaction, it features encrypted **HLS** video streaming, a **GraphQL-based** backend, and real-time communication using **WebSockets**. The platform includes a **CMS**, advanced dashboards for students and instructors, and powerful filtering and search capabilities optimized for performance using Redis, Celery, and asynchronous processing.

### Django HLS [🔗](#)

**Django HLS** is a reusable Django package for secure and adaptive video/audio streaming using the **HLS protocol**, it leverages **FFmpeg** to generate multi-quality streams and supports **asynchronous processing with Celery**. Django HLS integrates seamlessly with Django models, automatically managing HLS playlists, segments, and encryption keys.

## Education

### Mathematics Diploma

I'm currently studying for a diploma in mathematics.

2024 – Now

Tabriz, Iran

## Languages

### English

Fluent

### Persian

Native

### Turkish

Native