

Morteza Pourkazemi | Senior Backend Engineer | Go, Kafka, PostgreSQL | 9 Years Experience

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Basics

9 years building backend systems from scratch to scale. Sole backend engineer at HelloFresh New Ventures for 3 years, architecting the multi-subscription system now powering the core platform. Known for fast delivery (onboarded 2x faster), deep technical ownership (company-wide Kafka Streams expert), and performance wins (30min → 3min optimization). I ship fast, mentor others, and take ownership end-to-end.

Work

HelloFresh SE

Senior Software Engineer

<https://hellofresh.com>

Nov 2022–Present

- Architected multi-subscription per customer system, now backbone of HelloFresh supporting families
- Sole backend engineer managing 4 services across 3 brands (Gutshop, Pet Stable)
- Delivered first Kotlin/Kafka Streams project in 1 month (2x faster than typical onboarding)
- Became company-wide Kafka Streams expert; deprecated internal framework to reduce abstraction
- Designed sidecar pattern for GDPR compliance in microservices architecture
- Created debugging playbooks enabling frontend engineers to handle backend on-call
- Mentored frontend engineer to backend (JavaScript → Go/Kubernetes/Postgres in 6 months)

Keywords: Go, Kotlin, Kafka Streams, Kubernetes, Helm, Terraform, PostgreSQL, Microservices

TDD

Lead Software Engineer

<https://tdd.ir>

Feb 2022–Oct 2022

- Led team of 8 engineers (3 backend, 2 frontend, 2 Android, 1 iOS) for e-commerce platform
- Consolidated 12 microservices into single monorepo with Protobuf contracts
- Reduced deployment complexity from 12 separate deploys to 1 unified deployment
- Established engineering standards and technical direction for the team
- Acted as technical shield between leadership and engineering team

Keywords: Go, Python, Protobuf, Kubernetes, GKE, Redis, PostgreSQL, Apache Kafka, Technical Leadership

Cafe Bazaar

Senior Software Engineer

<https://cafebazaar.ir>

Aug 2020–Mar 2022

- Built high-traffic advertising platform at Iran's largest app store (45M+ users)
- Promoted to interviewer and mentor within 1 year; created interview evaluation criteria
- Designed metrics and dashboards for efficient on-call operations
- Deep-dived into Go, PostgreSQL, Airflow, and async communication patterns

Keywords: Go, Python, Django, PostgreSQL, Apache Kafka, Kubernetes, Airflow, gRPC, High Traffic

Cosmopolis

Software Engineer

<https://cosmopolis.fr>

Mar 2020–Apr 2021

- Built medical web applications with Django and GCP infrastructure
- First international exposure; remote collaboration with distributed team
- Implemented CI/CD pipelines with GitLab and GKE

Keywords: Python, Django, GCP, GKE, GitLab CI/CD, Firebase

Raypo

Software Engineer

<https://raypo.ir>

Jul 2017–Mar 2020

- Built production game from scratch as solo developer; launched to 12K concurrent users
- Optimized backend processing from 30 minutes to 3 minutes by moving logic to database
- Led Python 2→3 and Django upgrade; refactored codebase into testable system in 3 months
- Learned Kubernetes bare metal setup (the hard way)
- Collaborated with mobile/frontend teams on back-office Angular application

Keywords: PHP, Python, Django, PostgreSQL, Redis, Docker, Kubernetes, Performance Optimization

Skills

Languages: Expert

Keywords: Go, Golang, Python, SQL, Kotlin, TypeScript

Databases & Messaging: Expert

Keywords: PostgreSQL, Redis, Apache Kafka, Kafka Streams, RabbitMQ

Infrastructure: Advanced

Keywords: Kubernetes, Docker, Terraform, Helm, ArgoCD, AWS, GCP

Backend & APIs: Expert

Keywords: REST API, gRPC, Protobuf, GraphQL, Microservices, Django, FastAPI

Additional: Advanced

Keywords: Distributed Systems, Event-Driven Architecture, Agile, CI/CD, Problem Solving

Projects

kmir

<https://github.com/mortezaPRK/kmir>

Jan 2023–Present

Kafka mirror CLI for local development —mirrors production topics for testing. Published on Docker Hub. **Keywords:** Go, Kafka

cec-keyboard

<https://github.com/mortezaPRK/cec-keyboard>

Jan 2022–Present

Use TV remote as keyboard through CEC protocol **Keywords:** Go, Hardware

container-mdns

<https://github.com/mortezaPRK/container-mdns>

Jan 2021–Present

Container networking tool for mDNS discovery **Keywords:** Go, Networking

Education

University of Tehran

<https://ut.ac.ir/>

Bachelor, Physics

Sep 2012–Jul 2017

○ Thesis: Black hole simulation using Mathematica

○ CERN collaboration: Developed simulation software in C++/Python for CMS detector project

Languages

English: Full Professional Proficiency

German: Elementary Proficiency

Farsi: Native or Bilingual Proficiency