Farid Ghoorchian

Senior Software Developer

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SUMMARY

Senior software developer who designs and builds backend services in Go and Python, from API design and distributed architecture to performance tuning and operations. Experience across classified ads, ad tech, and telecom systems: domains with heavy integration needs and little tolerance for downtime.

SKILLS

Languages	Go, Python (primary); C, C++, Java, Clojure
Architecture	Distributed systems, microservices, concurrent services, REST and gRPC APIs, Protocol Buffers, Gin
Data & messaging	Kafka, RabbitMQ, ZeroMQ, PostgreSQL, ClickHouse, Redis, Elasticsearch (ELK), Avro
Domains	Classified ads, ad tech (OpenRTB), telecom AAA and charging, RADIUS, Diameter
Practice	Linux administration, Docker, GitLab CI/CD, NGINX, observability, performance profiling

EXPERIENCE

Senior Software Developer, Ring.ir Sep 2024 – Present

- Design and maintain the backend services behind a classified ads platform that connects buyers and sellers.
- Focus on reliability and performance under load, and on software architecture that stays maintainable as the product grows.

Golang Developer, Arman Solutions (SabaVision) Feb 2021 – Sep 2024

- Developed backend services for the SabaVision ad network across its SSP, exchange, and DSP components, using Go, OpenRTB, gRPC, Redis, and the ELK stack.
- Built Amphora, a reporting platform that turns Elasticsearch logs into publisher and advertiser reports stored in ClickHouse and served over a REST API.

Golang Developer, ParsPooyesh Feb 2019 – Jan 2021

- Developed AAA and telecom infrastructure systems for operators in Go and Python.
- IBSng and its charging gateway (CGW): RADIUS/Diameter AAA and charging, with CGW load-balancing and proxying requests across IBSng clusters.
- Rebin: a high-throughput telecom infrastructure product written in Go.
- Mobin API Gateway: a provisioning gateway between a CRM and backend services (HSS, OCS, SIM inventory), built with Gin, GORM, PostgreSQL, and Redis.

Android Developer, Resaneh 24 Mar 2016 – Sep 2017

- Developed the Dootak (e-magazine store) and ManMamanam (social network) Android apps, including media streaming and live group messaging.

OPEN SOURCE

- **Author:** Samsa (Kafka client library for Go), Sqids-WASM (short unique IDs compiled to WebAssembly), Numero-Go and MagfaGo (Go clients for SMS gateways).
- **Contributor:** OpenRazer (Linux drivers for Razer peripherals), libratbag (device configuration daemon for Linux), layeh.com/radius (RADIUS for Go).

EDUCATION

M.Sc. Computer Architecture 2015 – 2018
Islamic Azad University, Science and Research Branch

B.Sc. Computer Hardware Engineering 2011 – 2015
Qazvin Islamic Azad University

CERTIFICATIONS & LANGUAGES

- LPIC-1 and LPIC-2 (Fanavaran Anisa)
- CCNA and Network+ (Cybertech Co.)
- Persian (native), English (professional working proficiency)