

AMIR MEGHDADIAN

Senior Software Engineer

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[amirhussain-meghdadian](https://in.linkedin.com/in/amirhussain-meghdadian)

[Github](https://github.com)

[Stackoverflow](https://stackoverflow.com)

SKILLS

Languages

Yrs. of Exp.

- Golang
- Python

3.5+
3+

Containerization

Yrs. of Exp.

- Docker
- Kubernetes

3.5+
3.5+

Other

Yrs. of Exp.

- PostgreSQL
- Redis
- Kafka
- Prometheus
- OpenTelemetry
- NATS
- Linux (LPIC1)
- Grafana
- RabbitMQ
- Gitab CI/CD

3.5+
3+
1+
3+
1+
1+
4+
3+
2+
3+

Experienced, detail-driven Software Engineer with 4+ years of experience specializing in designing, developing, and maintaining high-performance scalable microservices, with a strong focus on performance optimization using Golang Python and Kubernetes.

WORK EXPERIENCE

Career Break

September 2024 - Present

Took time off to focus on personal development, and caregiving responsibilities. Now recharged and eager to return to full-time engineering roles.

- Developed a messaging application using Vanilla Go and JS (in progress): [Ref.](#)
- Contributed to several open-source projects: [Ref.](#)
- Developed and deployed my personal website: amirhussain.ir

Snapp

September 2023 - September 2024

Software Engineer(Backend)

Iran's ridehailing market leader(similar to Uber), Operating in two countries(Iran, Iraq). [Stack: [Go](#), [Kubernetes](#)([Openshift](#)), [NATS](#), [Redis](#), [MariaDB](#), [RabbitMQ](#), [Helm](#)]

- Participated actively in system design and architectural discussions to migrate a monolithic architecture written in PHP into Golang microservices.
- Utilized Prometheus, OpenTelemetry and Grafana to implement monitoring solutions and improve overall observability.
- Devised, maintained and monitored workloads on Kubernetes clusters; participated in on-call rotations.
- Implemented event-driven workers to subscribe to topics and consume messages.
- Automated test, build and deployment by implementing robust CI/CD solutions.
- Integrated applications with other microservices and used circuit-breaker to improve system resilience.
- Collaborated and communicated effectively with other teams to solve business-level problems.

DigiCloud

September 2022 - September 2023

Software Engineer(Backend) - Cloud/Infra Team

Subsidiary of Digikala, Iran's leading ecommerce platform(similar to Amazon), member of cloud team working on Infrastructure-as-a-Service(IaaS). [Stack: [Go](#), [Python](#), [Openstack](#), [MySQL](#), [RabbitMQ](#), [Kubernetes](#), [DDD](#), [Helm](#)]

- Developed a microservice with DDD and SOLID, streamlining pricing processes, which automated business team's operations.
- Crafted a microservice designed to deliver Layer-4 and Layer-7 load-balancing service(LBaaS).
- Coordinated and led several knowledge-exchange workshops to encourage collaborative learning and skill development among team members.

Tapsell

January 2021 - August 2022

Software Engineer(Backend)

Iran's leading Digital Advertisement-Marketing Network(similar to WebEngage). Providing services such as [Push Notification](#) Integration/Automation for Web and Mobile clients [Stack: [Go](#), [Python](#), [Typescript](#), [React](#), [MySQL](#), [Kafka](#), [Redis](#), [Kubernetes](#)]

- Refactored and improved system performance by migrating from Python to Go.
- Enhanced and expedited the performance of previously inefficient SQL queries, achieving a speed increase of up to 50% in some cases.
- Refactored the application's memory-intensive component using Python generators, significantly reducing memory load. This optimization led to overall system stability.

EDUCATION

B.Eng. in Software Engineering

University of Azad
Tehran, Iran
2013 - 2017

LANGUAGES

English: Full professional proficiency

Persian: Native or bilingual proficiency

Namademan

September 2020 - January 2021

Frontend Developer

A platform that centralizes stock market news updates. [Stack: [React](#), [Redux Toolkit](#)]

- Implemented the new version of a real-time stock market web application using the React framework, increasing user engagement by 40% within the first month of launch.
- Proposed and implemented a text processing algorithm, increasing user post interaction.