



Amirhossein Najafizadeh

Software Engineer

I'm a mid-level software engineer with 4 years of experience in software and network fields. I always enjoy learning new things, and experiencing new situations. Priority of my job is so high for me, and I always put all of my effort to do the best I can.

Work Experiences



Backend Developer at Snapline!

Jan 2023 - Present

Working as a Backend Developer in Snapline! team at Snapp!

Role:

- Creating Gitlab CI pipelines
- Adding system observability by using Jaeger, ELK, Prometheus, and Grafana dashboards
- Managing payment modules. (Jibit, AP, Snapproom)
- Maintaining MinIO cluster for storing product reports and daily transactions
- Rebuilding the Snapline! base code and changing the architecture to micro-service

Backend Developer at Snapp!

March 2022 - Jan 2023 (9 month)

Working as Software Engineer in Dispatching team at Snapp!

Role:

- Maintenance of NATS, EMQX, and Kafka clusters
- Developing Snapp! chat service
- Maintaining Snapp! Herald service
- Developing Snapp! in app call service
- Maintaining Snapp! internal events which was more than 1 million events in a day

Backend Trainee at Snapp!

Jan 2022 - March 2022 (3 mounth)

Learned: Agile developing, Jira, TDD, Golang, Microservice, Kubernetes, OpenShift, Gitlab CI/CD, ArgoCD, NATS, EMQX

Personal Information

Born: 2001  
Military Service: Education Pardon  
Marriage Statue: Single  
Education: Computer Engineering Bachelor at Amirkabir University of Tehran

Contact Me



Phone: +989155232106  
Email: najafizadeh21@gmail.com  
Github: amirhnajafiz  
LinkedIn: amirhossein.najafizadeh  
Website: amirhnajafiz.github.io

Skills



Programming languages: Golang, Python, JavaScript, C, C++, Java, PHP, ShellScript, Rust

Kubernetes: OpenShift, Kind, Operator-SDK, Kubebuilder, Client.go

Virtualization: QEMU, KVM, Libvirt, Containers, Docker, Podman, OpenStack

Automation: Gitlab CI, Github actions, ArgoCD

Monitoring: Prometheus, Grafana, Elasticsearch, Kibana, Jaeger, Zap

Database & Storage: SQL/MySQL, MariaDB, PostgreSQL, MongoDB, Redis, Dragonfly, MinIO, Ceph

Message brokers: NATS (STAN, JetStream), Kafka, RabbitMQ, EMQX

Version control & Configuration: Git, Makefile, Dockerfile, Docker-Compose,, HelmCharts, Bundle, OLM

System Design: Rest API, gRPC, GraphQL, MVC, MVP, Micro-service

Networking: TLS/SSL, SSH, DNS, Firewall, TCP/UDP, WebRTC, NginX, HA Proxy

Projects



amirhnajafiz/elk-operator

[View Repository](#)

Creating an operator for ELK cluster using operator-SDK.

amirhnajafiz/sanjab

[View Repository](#)

Kubernetes operator for backing up cluster resources and store them in Ceph.

official-stallion

[View Organization](#)

Implementing my own message broker with Golang. With exporter, load tester, metrics exporter, dashboard, helm charts, python, and javascript SDKs.

amirhnajafiz/pods-watcher

[View Repository](#)

Creating a kubernetes controller via operator-SDK for monitoring pods resource usages based on rules, and send emails in case of violations.

snapp-incubator/charlie

[View Repository](#)

A method for executing python scripts on Kubernetes (cronjobs) as fast as possible.

snapp-incubator/mqtt-blackbox-exporter

[View Repository](#)

Blackbox exporter for MQTT broker, using Prometheus and Jaeger.

amirhnajafiz/cloud-provider

[View Repository](#)

Creating a simple cloud provider using python, qemu, and rabbitMQ.

amirhnajafiz/cronjob-charts

[View Repository](#)

Helm charts for creating your cronjobs on OKD.

Courses and Certificates



Laravel Bootcamp at MaktabSharif

Learned: PHP, Laravel, MVC, MySQL, Redis, MongoDB, NginX, Docker, VM

6 Months

Docker / Kubernetes / Helm Charts at KodeKloud

Learned: Containers, Docker, Swarm, Kubernetes, Kubernetes Administration, Helm Charts, Istio

128 Hours

Hands on Containers, Docker, and OKD at IBM

Learned: Containers, Docker, Kubernetes, OKD

64 hours