

Muhammed Hussein Karimi

DevOps Engineer & Programmer (Python, Golang, Bash)
Into FOSS & GEEK

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EXPERIENCE

BaSalam | باسلام, Qom, Iran — DevOps Engineer

Nov 2020 - PRESENT

Trying to automate anything using GitLab CI and Ansible, making our own alerting scenarios by making custom Zabbix Media Types and Prometheus AlertManager Webhook bots, Managing Databases and migrating them inside K8s with stolon/kaastolon and backup plans, monitoring anything happening within the cluster by creating our own exporters, creating some tiny K8s operators for automations (go-client, bash-sdk, operator-sdk), using uptime-kuma open source project for our black box monitoring and making our bots for that for alerting, managing and migrating mongodb inside K8s, managing and migrating ES clusters inside K8s, Managing multiple GitLab Runner (Docker based for Projects, Big Runner for android projects, shell runner with docker buildx support for projects within big/a lot of packages) and monitor them, Full Time

Online — *Teacher*

Dec 2014 - Nov 2020

Having Some online courses about my skills Just For Fun, Part Time

FreeLance — **Xamarin/C# Android/Desktop Developer**

Dec 2014 - Nov 2017

Making some fun games and applications with Xamarin and C#, Part Time

SKILLS

Linux

Ansible

Kubernetes (RKE, RKE 2, KOs, Kubeadm, KubeSpray)

Prometheus Stack

Container Runtimes (Docker, ContainerD)

CI/CD (GitLab, Drone CI, OneDev)

Git Management Systems (GitLab, Gitea, OneDev)

Object Storage (MinIO, Ceph)

File Systems (BTRfs, ZFS)

Zabbix

Web Servers (NginX)

QEMU/KVM Based Virtualization (Aka Proxmox)

Hardware and HPE Tools (iLO, etc.)

GoLang (Cobra, XORM, Echo)

Python (Flask, FastAPI, Typer, Click)

PostgreSQL

MongoDB

Kafka

Elasticsearch (Also Opensearch)

Ionic

JS (VueJS)

EDUCATION

Muhammedi Kashani, Qom, Iran — *Secondary School*

2018 - PRESENT

Fayyaz Bakhsh, Qom, Iran — *Junior School*

2014 - 2018

BIG OR IMPORTANT PROJECTS

[kaastolon](#) — *PostgreSQL HA*

This project is a fork of stolon - postgresql ha with our great customizations

[goAPIBaseProject](#) — *Pure Golang*

This project made for for persons who want to have a base to start when they what to make an API project with net/http library this project is not fully completed and it's in progress

[android-emulator-ansible](#) — *Ansible*

Ansible playbook and rules to bring-up android emulator on you host using google's docker images

[forwarder](#) — *K8s Client Golang*

When you want to port forward and translate services into pods this project is here to help you just import it and use it

[git-mover](#) — *Bash Script*

This project is here to help you when you want to migrate your projects between two GitLab Instances

[python-redis-migrator](#) — *Python Redis*

Simply migrate data between two redis instances with multithreading options

[sms_serial_verification](#) — *Python Flask*

An serial verification over SMS project for Altech (Schneider Electric Iran) as an educational series with simple ui, etc. made with flask and bootstrap

[Bestoon](#) — *Python Django, ionic and cli client*

Simple income and expense system completing [Jadi](#)'s original work

LANGUAGES

English

Full professional proficiency
Full professional proficiency

Persian

Native or bilingual proficiency

