

# Mehrdad Qasemkhani

DevOps Engineer



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<https://mehrdad-drpc.github.io/>

## Summary

Experienced DevOps Engineer high focus on Kubernetes Cluster, with a demonstrated history of working in the cloud internet telephony industry. Skilled in SQL and noSQL Databases, like Mysql, Postgres, Apache CouchDB, Functional and Object-Oriented Programming, like Erlang, Java and Python. Linux and ShellScripting. DevOps tools, like Git, CI/CD, Docker, Ansible. VoIP tools, like Kamailio, Asterisk, Freeswitch. Some TCP/IP protocol like HTTP, HTTPS, SIP, RTP, SDP, NAT, IP, ARP, TCP, UDP. Strong engineering professional graduated from Shamsipour and Raja university.

## Experience



### DevOps Engineer

Sparsa Security Group

May 2021 - Present (7 months +)

- Full CI/CD via Atlassian Bamboo
- Dockerize PAM Security Module



### DevOps Engineer

Respina Networks & Beyond

Feb 2020 - Apr 2021 (1 year 3 months)

- Cloud Telecommunication Technology CPaaS, UCaaS
- Session Initiation Protocol
- Kamailio SIP-Server
- Asterisk/Freeswitch Softswitch
- Maintainer of own SIP-Trunk
- Maintainer of own Cloud Hosted PBX
- SIP/HTTP Load Balancing
- High Availability
- Virtual Router Redundancy Protocol
- Docker/Docker-Compose
- Develop ARI(Asterisk RESTful Interface) with Python and Django
- Develop Asterisk Call App Manager Over The ARI with pure Python
- Automate all deploying process with CI/CD
- Automate configuration management, and application-deployment via Ansible



### Backend Developer

Respina Networks & Beyond

Jun 2019 - Feb 2020 (9 months)

- Develop ARI(Asterisk RESTful Interface) with python and Django
- Develop Asterisk Call Manager Over The ARI with pure python



## Python Developer

Kara Tadbir Hooshmand Kish

Jul 2017 - Jun 2018 (1 year)

- Analyzed, designed and developed of a RESTful API with Python, Flask, gREST and Neo4j, PostgreSQL, Kong, ... to serve 2.5 million subscribers
- Experienced with pair-programming of project with junior/senior developers
- Hands-on experience with many of the latest cutting-edge technologies
- Provided regular and effective progress updates to my-head
- Write some python's unit-test and integration-test to develop CI/CD



## C Developer

AVA Communication Industries Co.

Sep 2016 - Jan 2017 (5 months)

As a fresh graduated programmer we were developing some application and tools over the SIP protocol(Session Initiation Protocol). I wrote some part of these project with C and JS high focus on websocket programming.

## Education



### Shamsipour Technical and Vocational College

Associate's Degree, Copmuter

2009 - 2011



## Raja

Bachelor of Science (BS)

2011 - 2013

## Licenses & Certifications



### Certified Kubernetes Administrator (CKA) - Fanavaran Anisa

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## Skills

DevOps • Programming • Kubernetes • Voice over IP (VoIP) • High Availability • OOP • Algorithms  
• Software Development • Data Structures • Object-Oriented Programming (OOP)