

# Mehrdad Qasemkhani

DevOps Engineer



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

## Summary

Software Engineer with more than 4+ years of experience in DevOps & more than 3+ years of coding.  
A curious learner & excellent team player, searching for a challenging position as a software engineer.  
I prefer cloud base technologies & DevOps culture & tools.  
Keen to work on a software engineer as a system designer.  
Longing for chief technology officer.

## Experience



### DevOps Engineer

Spira Security Group

May 2021 - Present (2 years 3 months)

- Automation of building Spira PAM module by CI Gitlab & Gitlab-runner.
- Automation of deployment Spira PAM module(CD) by Ansible.
- Migration of CI pipelines from Atlassian-Bamboo to Gitlab-CI.
- PAM Dockerizing.
- Produce and Consumption tons of PAM messages by RabbitMQ.
- Log gathering by Elastic & Kibana.
- Synchronization Postgresql databases by Bucardo in active/active mode.
- Load-Balance HTTP(Layer7) & TCP(Layer4) traffic by HAproxy.
- Infrastructure-as-Code(IaC) full automation by Ansible.
- Running up Prometheus & Grafana for all monitoring product.



### DevOps Engineer

Respina Networks & Beyond

Feb 2020 - Apr 2021 (1 year 3 months)

- Working on VoIP & Cloud Telecommunication Technologies.
- Communications Platform as a Service CPaaS.
- Session Initiation Protocol.
- Kamailio SIP-Server using signaling section.
- Running Asterisk & Freeswitch soft-switch.
- Maintenance of Respina SIP-Trunk.
- Maintenance of Respina HostedPBX.
- SIP & HTTP Load Balancing.
- High-Availability over SIP & HTTP protocols via VRRP.
- Dockerizing services using docker-compose.
- Automation of all building process by Gitlab-CI (CI).
- Automation of all deployment process by Ansible (CD).



## Backend Developer

Respina Networks & Beyond

Jun 2019 - Feb 2020 (9 months)

- ARI(Asterisk RESTful Interface) development by Python & Django framework.
- Asterisk Call-App-Manager Development over ARI using pure Python.



## Python Developer

Kara Tadbir Hooshmand Kish

Jul 2017 - Jun 2018 (1 year)

- Analyzing, designing & developing RESTful API applications to serve subscribers.
- Python, Flask, Neo4j, PostgreSQL, Kong.
- Developing Unit-test & Integration-test.



## C Developer

AVA Communication Industries Co.

Sep 2016 - Jan 2017 (5 months)

## Education



### Shamsipour Technical and Vocational College

Associate's Degree, Computer

2009 - 2011



## Raja

Bachelor of Science (BS)

2011 - 2013

## Licenses & Certifications



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

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## Skills

C (Programming Language) • Kubernetes • Continuous Integration and Continuous Delivery (CI/CD) • Programming • High Availability • OOP • Algorithms • Software Development • Shell Scripting • Logging