Mehrdad Qasemkhani

DevOps Engineer

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Summary

Experienced DevOps Engineer focus full automation, with a demonstrated history of working in the cloud internet industry.
Skilled in SQL and noSQL Databases, like Mysql, Postgres, Apache ChouchDB, Object-Oriented Programming, Java and Python.
Linux, ShellScripting, IPtables, ...
DevOps tools, like Git, CI/CD, Docker, Kubernetes, Ansible.
Some TCP/IP protocol like HTTP, HTTPS, NAT, IP, ARP, TCP, UDP.
Strong engineering professional graduated from Shamsipour and Raja university.
Eager to learn.

Experience

DevOps Engineer

Spara Security Group

May 2021 - Present (1 year 4 months +)
- Maintain and Develop core businesses production(PAM)
- Full CI/CD via Attlasian Bamabo and Ansible
- Dockerize PAM Modules
- Log gathering via Elastic and Kibana
- Produce and Consume messages via RabbitMQ
- Synchronize Postgresql via Bucardo
- Load-Balance HTTP traffic via Nginx
- Separate RDP/VNC, SSH, Oracle, and HTTP traffic via Keepalived on the edge of the PAM network
- High-Available PAM nodes as Active/Active & Active/Passive

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 HostedPBX
- 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 developer of some applications and tools over the SIP protocol(Session Initiation Protocol). I wrote some part of these project with C and JS high focus on websocket progtamming.

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