Mehrdad Qasemkhani

DevOps Engineer

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Summary

Experienced DevOps Engineer high focus on Infrastructure as Code and automation.
Skilled in SQL and NoSQL Databases.
Functional and Object-Oriented Programming.
Linux and ShellScripting, DevOps tools.
Some TCP/IP protocols.
Graduated from Shamsipour university.
Someone who enthusiastic about computer science.

Experience

DevOps Engineer

Spara Security Group

May 2021 - Present (1 year 8 months)
- Automate Build Spara PAM Module CI via gitlab and gitlab-runner
- Automate Deploy Spara PAM Module CD via Ansible
- Migrate CI piplines from Attlasian Bamabo to gitlab (old service)
- Dockerize PAM Modules
- Log gathering via Elastic and Kibana
- Produce and Consume messages via RabbitMQ
- Synchronize Postgresql databases via Bucardo Active/Passive
- High-Available PAM nodes as Active/Active
- Load-Balance HTTP (Layer 7) and TCP (Layer 4) traffic via haproxy
- Infrastructure as Code IaC full automation via Ansible for all spara products

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
ILH259910098099

Skills

Infrastructure as code (IaC) • DevOps • Kubernetes • Continuous Integration and Continuous Delivery (CI/CD) • Programming • High Availability • OOP • Algorithms • Software Development • Shell Scripting