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online-CV
https://mq.geekfa.net

Top Skills

Kubernetes
Docker
Ansible

Languages

English
Persian

Certifications

Certified Kubernetes
Administrator(CKA)

Mehrdad Qasemkhani

Senior DevOps Engineer

Asia/Tehran +3:30

Summary

As an experienced Software Engineer with over 7 years in DevOps and development, I am passionate about cloud-based technologies, DevOps culture, and tools with a strong focus on Kubernetes orchestration.

My expertise lies in deploying scalable and resilient cloud-native applications. I excel at containerizing applications using Docker and orchestrating them seamlessly with Kubernetes. I have automated build and deployment processes using GitLab CI/CD and Ansible, ensuring efficient and reliable delivery of software.

In terms of application development, I have designed and developed RESTful APIs using Python, Flask, Neo4j, PostgreSQL, and Kong, while ensuring comprehensive unit and integration testing.

As a curious learner and excellent team player, I am seeking a challenging position as a software engineer or system designer, with aspirations to grow into a Chief Technology Officer role. I am excited to leverage my diverse skillset to contribute to innovative, cloud-centric projects and help organizations navigate their digital transformation journeys.

Experience

Fanap Infrastructure

DevOps Engineer

May 2021 - Present (3 years 8 months)

Tehran, Iran

- Full automation of builds using GitLab CI & GitLab Runner.

- Fully automated deployments using Ansible.

- Fully provision services and Infrastructure as Code (IaC) using Ansible.

- Migrated CI pipelines from Atlassian Bamboo to GitLab CI.

- Docker containerization of applications.

- Nexus repository to store packages and Docker images.

- Produce and consume large volumes of messages using Kafka.

- Gather a large number of log messages using Promtail and push to Loki.

- Gather monitoring metrics using Prometheus agents (node-exporter, push gateway, etc.) to pull by Prometheus.

- Visualize metrics and log messages in Grafana.

- Synchronize PostgreSQL databases using Bucardo in active/active mode.

- Load-balance HTTP (Layer 7) & TCP (Layer 4) traffic using HAProxy.

- Use Kubernetes as the container orchestration platform.

- Use Ingress to handle HTTP requests in the Kubernetes cluster.

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Respina Networks & Beyond
DevOps Engineer
February 2020 - April 2021 (1 year 3 months)
Tehran Province, Iran

- Expertise in VoIP & Cloud Telecommunication Technologies.
- Developed Communications Platform as a Service (CPaaS) solutions.
- Proficient in Session Initiation Protocol (SIP).
- Configured and maintained Kamailio SIP-Server using the signaling section.
- Deployed and managed Asterisk & FreeSWITCH soft-switch platforms.
- Maintained Respina SIP-Trunk services and HostedPBX solutions.
- Implemented SIP & HTTP Load Balancing.
- Achieved High-Availability over SIP & HTTP protocols via VRRP.
- Dockerized services using Docker Compose.
- Automated the entire build process using GitLab CI (Continuous Integration).
- Persisted objects using MinIO object storage.

Backend Developer
June 2019 - February 2020 (9 months)
Tehran Province, Iran

- Developed Asterisk RESTful Interface (ARI) applications using Python and the Django framework.
- Developed Asterisk Call-App-Manager using pure Python over the Asterisk RESTful Interface (ARI).

Kara Tadbir Hooshmand Kish
Python Developer
September 2016 - May 2019 (2 years 9 months)
Tehran, Tehran Province, Iran

- Analyzed, designed, and developed RESTful API applications using Python, Flask, Neo4j, PostgreSQL, and Kong to serve subscribers.
- Developed comprehensive Unit-tests and Integration-tests.

Education

Shamsipour Technical and Vocational College
Associate's Degree, Copmuter · (2009 - 2011)

Raja
Bachelor of Science (BS) · (2011 - 2013)