

# Reza Darzi

DevOps Engineer

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## Professional Experience

### **DevOps Engineer**

**January 2023 – Present**

#### **Avihang**

#### **Iran**

- Prepared Kubernetes clusters for migration from Docker Swarm clusters, that increased 30% web service availability
- Investigated and resolved new issues in the orchestrator migration process such as networking, autoscaling, CICD process, service discovery and etc
- Reduced deployment time by 50% and increased application availability by 10% by installing and configuring third-party applications with Helm Charts on Kubernetes clusters
- Ensured 100% application availability by using Horizontal Pod Autoscaler and Vertical Pod Autoscaler
- Reduced +20 vulnerabilities on Jenkins by updating the architecture and pipelines to fix known security issues
- Successfully updated Old ELK stack to new version with 0% data loss
- Implementation of SonarQube and integration with Jenkins helped developers improve their code quality by 50%
- Management of configuration changes using Gitlab and Ansible helped to reduce 80% human mistakes by automating the process.
- Provided guidance and support to new team members, helping them to learn the ropes and achieve their KPIs

### **DevOps Engineer**

**August 2022 – January 2023**

#### **Tecnotree**

#### **Iran**

- Facilitated +10 developers to solve infrastructure issues in a scrum-agile environment
- Maintained more than 5 Kubernetes clusters using Rancher
- Updated +5 local applications with Helm charts
- Support more than 50 Red hat servers
- Outperformed in resolving +10 daily raised tickets within the SLA time frame

### **DevOps Engineer**

**December 2018 – July 2022**

#### **Avihang**

#### **Iran**

- Accelerated the delivery time by 85% through writing pipelines in Jenkins with Groovy language
- Automated the deployment of more than 150 web services on docker swarm clusters
- Wrote Ansible playbooks for the configuration of +50 Linux servers

- Centralized more than 5 terabyte logs using ELK stack and analysis applications logs
- Integrated +200 web services with HashiCorp Consul cluster
- Administered CentOS system and performance tuning
- Monitored +200 web services and +100 servers using Prometheus, Grafana and PRTG
- Stimulated the performance of +30 developers through supporting resolving issues and escalated problems
- Created and configured more than 100 virtual machines on Esxi hosts with vCenter and terraform

**IT System Administrator  
Golrang Industrial Group  
Iran**

**May 2016 – December 2018**

- Established more than 10 servers, switch, MikroTik router, and NAS in 8 branches
- Regulated more than 10 Esxi and 70 virtual machines
- Completed the Deployment of Microsoft Services like AD, DNS, DHCP.
- Upgraded Windows servers from 2008 to 2012 and installed patches.
- Demonstrated capabilities through maintaining 99.99% of the device’s functionality
- Proposed scripts and batch files needed to enhance the function of the operating system

**Knowledge and Skills**

<b>OS management:</b>	CentOS, Ubuntu
<b>Configuration management:</b>	Ansible, Terraform
<b>Continuous integration and delivery (CI/CD):</b>	Jenkins, GitLab, Git
<b>Container orchestration:</b>	Docker swarm, Kubernetes
<b>Monitoring and logging:</b>	Prometheus, ELK stack, Kafka, PRTG, Grafana, Graylog
<b>Cloud computing:</b>	AWS
<b>Database:</b>	Couchbase
<b>Virtualization:</b>	vSphere

**Education**

- Technical and Vocational University. Iran, Khorasan, Razavi**  
Bachelor (BSc/BA) -Engineering (Computer)  
Software engineering
- Private institute. Iran, Khorasan, Razavi**  
Bachelor (BSc/BA) -Engineering (Computer)  
Software engineering

**Language Skills**

- English:** Upper intermediate
- Farsi:** Native