Milad **Daryanavard**

DEVOPS ENGINEER

Tehran, Iran

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Summary

DevOps Engineer with 5+ years of hands-on experience designing and managing CI/CD pipelines and containerized, cloud-native infrastructures. Skilled in maintaining highly available Kubernetes clusters, planning disaster recovery, and ensuring 99% uptime SLA. Proficient with GitOps workflows using ArgoCD, Helm, and Kustomize, and automating infrastructure provisioning with Ansible across Kubernetes and non-Kubernetes environments. Passionate about data engineering with practical experience in PostgreSQL, Kafka, Elasticsearch, and MongoDB. Familiar with distributed storage like Ceph and deploying monitoring tools such as Prometheus, Grafana, and the ELK/EFK stack. Dedicated to building scalable, resilient systems through collaboration and continuous learning. .

Skills

Programming	Python, Golang, Bash
Tools & Technologies	Unix/Linux, Git, Docker, Kubernetes, Helm, Kustomize, GitLab CI/CD, Jenkins, Argo-CD, Ansible, Vault, Terraform, Nginx, HAProxy, APISIX, LaTeX
Observability & Monitoring	Prometheus, Grafana, ELK/EFK stack (Elasticsearch, Fluentd, Fluent-bit, Logstash, Kibana)
Databases & Messaging	PostgreSQL, MongoDB, Redis, Apache Kafka, Elasticsearch
Industry Knowledge	Kubernetes Orchestration, Containerization, Infrastructure as Code (IaC), CI/CD Pipelines, Microservices, GitOps Performance Optimization, Load Balancing, Automation, Configuration Management, Agile (Scrum), BPMS
Familiar Concepts	Ceph Storage, TCPdump, Incident Management, SLA Management, Distributed Systems, Cloud Platforms
Operating Systems	Linux (Unix-based systems)
Languages	Persian (Native), English (Professional Working Proficiency)

Experience

MTN Irancell (Pars Tasmim) — *Tehran, Iran*
DEVOPS ENGINEER — *Jul. 2023 – Present*

- Collaborated closely with cloud providers to design Kubernetes best practices tailored specifically to our infrastructure and operational needs.
- Led the implementation and management of comprehensive CI/CD pipelines across multiple environments (DEV, UAT, Production, DR) using Docker, Kubernetes, GitLab CI/CD, Helm, and Ansible.
- Maintained and supported high-load Kubernetes-based applications, including creating Kubernetes manifests, Helm charts, and managing various Kubernetes configurations to ensure scalability and high availability.
- Performed detailed troubleshooting and issue diagnosis using TCPdump to resolve network-related issues, significantly improving system reliability and SLA compliance.
- Developed and maintained Python scripts to automate tasks, enhance reliability, and streamline operational processes.
- Designed and deployed monitoring solutions using Prometheus and Grafana to proactively manage system health and performance.
- Implemented a robust versioning strategy to manage application releases, ensuring consistency and traceability across environments.
- Managed clustered PostgreSQL databases, established appropriate replication strategies, and optimized performance for multiple data sources including MongoDB, Redis, Elasticsearch, and PostgreSQL.
- Successfully executed zero-downtime deployments and actively owned service reliability and end-to-end infrastructure changes.

Nextera — *Tehran, Iran*
DEVOPS ENGINEER — *Nov. 2022 – Jul. 2023*

- Managed Kubernetes clusters, ensuring optimal performance, scalability, and high availability for production workloads.
- Enhanced monitoring and observability infrastructure by integrating Prometheus and Grafana, significantly improving visibility into system metrics and incident detection.
- Built and optimized robust CI/CD pipelines, automating deployments and streamlining software releases to accelerate development velocity and ensure deployment consistency.
- Developed automation scripts in Python for system administration tasks, significantly reducing manual workloads and increasing operational efficiency.
- Configured and optimized the EFK stack (Elasticsearch, Fluentd, Kibana) to deliver effective log aggregation, parsing enhancements, and quicker issue resolution.
- Collaborated with cross-functional teams to design and implement Ansible playbooks and roles, ensuring consistent infrastructure deployments and reducing configuration drift.
- Provided rapid, responsive support to backend teams, proactively troubleshooting infrastructure-related issues, fostering seamless collaboration across teams.
- Conducted regular backups and implemented disaster recovery plans for databases, ensuring data integrity and readiness for critical business continuity scenarios.

blu Bank   *Tehran, Iran*

DᴇᴠOᴘs Eɴɢɪɴᴇᴇʀɪɴɢ Iɴᴛᴇʀɴ   *Jul. 2022 – Oct. 2022*

- Officially initiated professional DevOps career, gaining hands-on experience with BluBank's DevOps stack and infrastructure.
- Built and managed CI/CD pipelines utilizing GitLab CI/CD, Jenkins, and container registries (Harbor, Nexus).
- Acquired proficiency with container technologies, especially Docker, and extensively explored Kubernetes architecture and its core components.
- Developed foundational skills in observability and monitoring with Prometheus, Grafana, and the ELK stack (Elasticsearch, Logstash, Kibana).
- Gained practical knowledge of Apache Kafka for messaging systems and basic stream processing.
- Practiced system administration on Linux systems, becoming familiar with networking tools (IPtables), logical volume management (LVM), and containerization (Docker).
- Conducted training on data pipeline setup and log analysis using the ELK stack, establishing foundational skills in data observability.
- Performed in-depth training on Kubernetes components and architecture, building a solid foundation for future professional growth in DevOps roles.

Huncel   *Bushehr, Iran*

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- Developed and maintained Django-based e-commerce back-end services, including the design and implementation of RESTful APIs.
- Performed DevOps tasks such as server management, deployments, infrastructure setup, and automation.
- Implemented SEO optimization strategies for products and content, significantly improving site visibility and user engagement.
- Designed, developed, and consumed RESTful services, integrating seamlessly with front-end and third-party systems.
- Conducted proactive server monitoring and maintenance to ensure optimal performance and availability.
- Utilized web technologies such as HTML, CSS, and Bootstrap to enhance responsive user experiences.

Education

Islamic Azad University   *Tehran, Iran*

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