

Reza Khoshi

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Summary

As a **DevOps Engineer**, I am passionate about leveraging cutting-edge tools and methodologies to optimize processes, automate workflows, and ensure system stability and scalability. My focus is on fostering collaboration between development and operations teams, continuously improving infrastructure, and delivering impactful solutions that align with organizational objectives.

I take pride in my team spirit, problem-solving mindset, and commitment to following through on technical challenges until they are resolved. With a continuous desire to learn, adaptability to evolving technologies, and a touch of humor, I strive to create a positive and productive work environment while driving efficiency and innovation.

Skills and Certifications

DevOps:

- Linux LPIC-1
- Scripting language: Bash script
- CI/CD pipeline
- VCS: GIT-Gitlab-Azure DevOps
- Container Runtime: Docker
- IAC: Ansible
- Orchestration platform: Kubernetes (Administration)
Docker swarm
- Observability: Grafana, Prometheus, ELK Stack
- Message brokers: familiar with RabbitMQ – Kafka
- familiar with SQL and NoSQL

Infrastructure Administrator:

- Firewall :Fortigate100F-SophosXG230
pfSense -Kerio control
- Backup: Veeam
- VCP6 (vCenter ESXi)
- CCNA R&S
- Antivirus: Symantec Endpoint Protection
- VOIP: Asterisk
- MS Exchange 2019
- MSCA
- Microsoft SCCM
- Skype For Business

Experience

DevOps Specialist, ICS company, (march 2024 – present)

Iran Credit Scoring (ICS) Company operates as a critical intermediary between the Central Bank, banks, and BNPL (Buy Now, Pay Later) companies like Digipay. The company provides risk management solutions by calculating customer credit scores based on aggregated data, enabling banks and BNPLs to make informed lending decisions.

DevOps Implementation and Support

As a **DevOps Engineer**, my responsibilities include supporting operational services, data bases, implementing tools to ensure seamless operations, and maintaining consistent performance for the credit scoring system. Key contributions include:

- Containerization and Microservices Deployment
- **Dockerized** microservices using .NET and Python stacks, ensuring consistent deployment and scalability across environments.
- Installed and configured **GitLab** with Active Directory authentication for secure version control and collaboration.

- Set up **Nexus** as a local artifact repository to streamline dependency management.
- Deployed services using **Ansible** in Phase 1 and implemented **CI/CD pipelines** in Phase 2 for automated deployments to both staging and production environments.

Observability and Monitoring:

- Implemented the **ELK Stack** (Elasticsearch, Logstash, Kibana) with **Kafka** for centralized log management, enabling efficient handling of large log volumes.
- Configured **Grafana** with **Prometheus** for real-time monitoring and alerting, ensuring system reliability and performance.

Orchestration and Cluster Management:

- Set up and managed **Kubernetes clusters** and **Docker Swarm** for orchestrating microservices, ensuring high availability and scalability.

Message Brokers and Event Streaming:

- Supported and configured **Message Brokers** such as **RabbitMQ** and **Kafka** to enable reliable event-driven communication and data streaming between microservices.

Database Support and Management:

- Supported and maintained databases including **Redis** (for caching), **MongoDB** (for NoSQL data storage), **Communication and Collaboration Tools:**

- Deployed **Mattermost** to facilitate streamlined communication within the development team.
- Integrated **Nextcloud** with Active Directory authentication for secure file sharing and collaboration across the organization.

DevOps Specialist and IT Infrastructure Administrator, Middle East Investment Bank, (July 2020 – march 2024)

DevOps Implementation and Support

- Spearheaded the implementation and management of **GitLab** for precise version control, enabling seamless collaboration across development teams.
- Designed and deployed **CI/CD pipelines** to automate build, test, and deployment processes, significantly reducing time-to-market and improving release reliability.
- Orchestrated **containerization** using **Docker**, ensuring applications were efficiently packaged, isolated, and portable across environments.
- Leveraged **Grafana** and **Prometheus** for advanced monitoring, alerting, and visualization of system metrics, ensuring high availability and reliability of production environments.
- Automated workflows and infrastructure provisioning using Infrastructure as Code (IaC) principles, leveraging **Ansible** for configuration management and deployment automation, significantly enhancing operational efficiency and reducing manual intervention.
- Collaborated with development teams to ensure seamless integration of DevOps practices, fostering a culture of continuous improvement.

Network and Infrastructure Management

- Implemented and supported network infrastructure using **Cisco switches**, **Ubiquiti APs**, and **FortiGate 100F firewalls**, ensuring secure and high-performance connectivity.
- Managed and maintained **HP servers** and virtualized environments using **ESXi** and **vCenter**, optimizing resource utilization and scalability.
- Administered **Microsoft NPS**, **Active Directory**, and **Exchange 2019**, ensuring robust identity management and email services.
- Configured and maintained **Veeam Backup** solutions to ensure data integrity and disaster recovery readiness.
- Supported **FileServer** operations, ensuring secure and efficient data storage and access for end-users.
- Installed and maintained **Jira** and **Confluence** for project management and documentation, streamlining collaboration and knowledge sharing across teams.
- Monitored and optimized network performance, ensuring minimal downtime and maximum reliability for critical business operations.

System Administrator, Amin Investment Bank , (February 2019 - July 2020)

Microsoft Services and Infrastructure Management

- Supported and managed **firewalls** and **switches**, including **Sophos**, **pfSense**, and **Cisco**, ensuring secure and efficient network operations.
- Administered **Active Directory**, **File Server**, and **Print Server**, maintaining seamless user access and resource management across the organization.
- Deployed and maintained **Microsoft Exchange 2016** for reliable email services, ensuring high availability and secure communication.
- Implemented and managed **Veeam Backup** solutions to ensure data integrity, disaster recovery readiness, and compliance with business continuity policies.
- Configured and supported VOIP systems using **FreePBX**, enabling efficient and cost-effective communication across the organization.
- Managed surveillance systems using **Dahua** and **Hikvision** cameras, ensuring robust security and monitoring capabilities.
- Deployed and maintained **Symantec Antivirus** solutions to protect endpoints and servers from malware and cyber threats.
- Oversaw virtualization infrastructure using **vCenter** and **ESXi**, optimizing resource allocation, scalability, and performance for critical applications.

IT Specialist, Afranet (February 2016 - February 2019)

Microsoft Services and Infrastructure Management

- Supported **Microsoft services**, including **Active Directory**, **File Server**, **Print Server**, and **Mail Server (Exchange)**, ensuring seamless user access, resource management, and secure communication.
- Supported and maintained **Skype for Business** for enterprise-level communication and collaboration, enhancing team productivity.
- Utilized **System Center Configuration Manager (SCCM)** to create Software Center, enabling centralized software deployment, remote management, and automated distribution of security patches.
- Implemented and supported VOIP systems using **FreePBX (Asterisk)**, including the migration from a legacy Panasonic telephone system to a modern VOIP infrastructure, improving communication efficiency and reducing costs.
- Managed **Symantec Endpoint Protection (SEP)** as the primary antivirus solution, ensuring robust endpoint security and compliance with organizational policies.
- Configured and maintained **firewalls**, including **Microsoft TMG** and **Kerio**, to enforce network security policies and protect against external threats.
- Provided limited access and configuration support for the company's internal **switches**, ensuring optimal network performance and security.

IT Specialist, Social Welfare North Khorasan (March 2012 - December 2013)

Provided crucial IT support and services, ensuring seamless operations and user satisfaction through effective problem-solving and system management.

Education

Bachelor of Computer Engineering (Major: Software Engineering)

Final Project: launching a website for selling cosmetic and hygiene products

Master of Business Administration (Major: Technology)

Thesis: Examining the role of digital transformation in the banking industry