

# Hamed Golchin

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## Summary

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I am a results-driven DevOps Engineer with over 7 years of expertise in architecting, implementing, and maintaining cutting-edge SaaS infrastructure solutions. My focus is on AWS, GCP, and Kubernetes, ensuring the deployment and management of applications that are not only secure, scalable, and reliable but also specifically tailored for optimal Software as a Service delivery.

Proficient in Python and Bash for automation, I bring a wealth of experience in SQL and NoSQL databases, enhancing the efficiency of SaaS platforms. I am adept at working with various Linux distributions, including Ubuntu and CentOS, and leverage monitoring tools such as DataDog, Prometheus and Elasticsearch to ensure seamless SaaS operations.

Utilizing Infrastructure as Code (IaC) principles, particularly with Terraform, I streamline and automate the provisioning of resources, adding efficiency to the deployment lifecycle. With a proven track record of achieving a 99.8% application uptime, I actively contribute to the continuous improvement of DevOps practices in the SaaS landscape. With over 9 years in the IT industry, I am committed to delivering high-quality SaaS solutions that consistently surpass expectations.

## Experience

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### **Metric Gaming | London (Remote)**

#### **DevOps Engineer | 06/2023 - Present**

- **Infrastructure Management:** Proficient in using Infrastructure as Code (IaC) tools like Terraform and CloudFormation to design, manage, and regulate AWS infrastructure, ensuring compliance with CIS and NIST security frameworks, achieving an impressive 99.8% uptime rate..
- **24/7 Platform Operations:** Established and maintained robust cloud-centric monitoring, logging, and alerting mechanisms to support continuous enterprise platform operations.
- **Performance and Security Monitoring:** Proactively identified and addressed infrastructure performance and security concerns, conducting thorough root cause analyses to mitigate risks.
- **Automation and Streamlining:** Developed automated solutions to enhance and simplify development and release processes, improving efficiency and reliability.
- **Documentation and Troubleshooting:** Designed and documented comprehensive procedures for system troubleshooting and maintenance to ensure operational excellence.
- **Monitoring Expertise:** Hands-on experience with Datadog for advanced monitoring and analytics.
- **CI/CD Optimization:** Leveraged Bitbucket shared pipelines to streamline code integration and deployment workflows.
- **Task Management:** Successfully managed and tracked project tasks using Jira, ensuring timely delivery and collaboration.
- **SDK Development:** Contributed to the creation of DevOps SDKs for automating daily operations, including release management..

### **Zazmic INC | California, San Francisco (Remote)**

#### **DevOps Engineer | 10/2021 - 06/2023**

- Implemented industry best practices and cutting-edge trends to enhance the efficiency and security of SaaS application.
- Successfully maintained and supported cloud infrastructure for clients on both AWS and GCP, achieving an impressive 99.6% uptime rate.
- Streamlined the development process by effectively managing CI/CD pipelines using GitLab CI and Jenkins, resulting in a significant 40% reduction in deployment time.
- Enhanced automation efficiency was achieved by provisioning infrastructure with Terraform and Ansible, leading to a notable 30% increase in automation.
- Efficiently managed and deployed applications on Kubernetes clusters, ensuring optimal performance, scalability, and security.
- Optimized the delivery process for seamless efficiency by implementing Argo CD to manage and deploy applications, thereby enhancing overall operational effectiveness.

## **Frupro | London (Remote)**

### **DevOps Engineer | 03/2021 - 10/2021**

- Managed and meticulously maintained the observability stack and cloud infrastructure on GCP, achieving an impressive 99.6% uptime rate and ensuring system reliability.
- Implemented a real-time data analysis framework and established a data catalog for Business Intelligence purposes, resulting in a notable 20% enhancement in decision-making accuracy through data-driven insights.
- Developed robust Terraform code for comprehensive infrastructure as code (IaC), leading to a remarkable 50% reduction in manual deployment errors, thereby improving deployment efficiency.
- Efficiently integrated Acunetix (for DAST/IAST) and SonarQube (as SAST) tools with CI/CD pipelines, delivering a substantial 25% boost in code quality and security.
- Implemented a cost-effective infrastructure redesign, resulting in a substantial 15% reduction in costs. This initiative included the removal of unnecessary resources while maintaining or improving system performance and scalability.

## **Skyroom | Iran, Tehran**

### **DevOps Engineer | 10/2018 - 03/2021**

- Provided technical guidance and collaboration between internal and external team members and clients
- Played a pivotal role in the migration from a monolithic architecture to a microservices-based architecture, fostering collaboration between development and operations teams for a smooth transition.
- Deployed microservices using Helm charts in Kubernetes clusters, resulting in a 20% decrease in deployment time
- Develop efficient, maintainable, and reusable code for infrastructure management using Terraform, resulting in a 30% increase in automation efficiency
- Managed cloud infrastructure (AWS) serving European clients, resulting in a 99.3% uptime rate
- Redesigned and implemented best practices for infrastructure, resulting in a 20% higher uptime than before
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## **DigiMaliat | Iran, Tabriz**

### **Web Systems Administrator | 12/2016 - 10/2018**

- Provided technical management and guidance through the design, implementation, and delivery of the project
- Monitor and optimize system performance, collaborating with development teams for efficiency improvements.
- Coordinated delivery of multiple projects to improve supply chain infrastructure, reduce company waste, and improve efficiencies in both on-premise and cloud environment (AWS), resulting in a 25% decrease in operational costs.
- Maintain comprehensive documentation and facilitate knowledge sharing to enhance team expertise.

## **FREELANCE**

### **Network Infrastructure Specialist | 01/2015 - 02/2016**

- Enterprise network and infrastructure consultant, Configure and manage CiscoDevices, Configure Routing Protocols, switching ACLs ...
- Ensure the integration of IT programs and services.
- Improved network security by implementing 3-tier network design.
- Worked on firewalls: Cisco ASA 5500, software based firewalls (Kerio Control), and IPS tools like Snort.
- Increase operational efficiency by implementing new programs and utilizing technology

## **Skills**

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AWS, GCP, Kubernetes, Terraform, Continuous Integration/Continuous Delivery, Python, Software Development Life Cycle, Linux, Ansible

## **Certificates**

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Google Cloud Professional cloud DevOps engineer

- Issued on May 4, 2023
- <https://google.accreditable.com/4fbc83d-1f37-4808-abcd-746bc8a70eb1>

AWS certified solutions architect - Professional

- Issued on July 2022 Expires July 2025

- Credential ID: 0N5FGLW2SMEEQ4KX

Cisco Certified Network Professional (**CCNP**)

- Issued on Jul 2020 Expires July 2023
- Credential ID: WSV31C3HBDB1QQKJ

## Education

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University of Tabriz | Tabriz

MSc Computer Science (Information Security) | 12/2021

University of Tabriz | Tabriz

BSc FOOD PROCESS EQUIPMENT ENGINEERING | 01/2019

## Languages

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English, Turkish, Persian