

# Mohammad Fakhrpour

DevOps Engineer, Software Engineer



Currently pursuing a master's degree in software engineering and live in Tehran

I possess nine years of programming experience. My work includes the Maskan Bank Android OTP app, redesigning the Windows CE multimedia system for BYD S6 cars, and contributing to the development of the Kavan BMS System.

Over the past four years, I have dedicated myself to DevOps as my primary focus, currently serving as a DevOps Engineer at "Nik Gostaran Arsh Diba" and "KalaResane Hasti, Golrang".

📍 Tehran

📞 09020070017

✉️ mo.fakhrpour@gmail.com

<> Github

[github.com/mofakhrpour](https://github.com/mofakhrpour)

🔗 LinkedIn

[linkedin.com/in/mohammad-fakhrpour](https://linkedin.com/in/mohammad-fakhrpour)

Projects is not included in this PDF.

To view projects, go to live version

Live Version: [mofakhrpour.github.io](https://mofakhrpour.github.io)

But if you steal preferred PDF with projects included (size: 28 MB!)

Here is Full Version PDF: [View](#)



## Experience Highlights

### DevOps

Automation [terraform](#) [ansible](#) [pulumi](#)

Scripting [bash](#) [typescript](#) [python](#)

Tracing [elastic apm](#) [sentry apm](#) [zipkin](#)

Logging [elastic filebeat](#) [elastic heartbeat](#) [pushgateway](#) [prometheus](#)

Metrics Monitoring [prometheus](#) [grafana](#) [elastic apm](#)

CI CD [gitlab-ci](#) [jenkins](#) [github action](#)

GitOps [jenkins form](#) [netbox](#) [ansible](#) [gitlab schedules](#) [idp](#)

API Gateway & WebServer [haproxy](#) [nginx](#)

Cluster Orchestration [docker compose](#) [docker swarm](#) [kubernetes](#)

Networking [linux network / ip tables](#) [pfsense](#)

Infrastructure [esxi / vcner](#) [maas](#) [bind9](#) [ldap](#)

### Software

Expertise in crafting optimal development roadmaps tailored to business requirements, ensuring alignment with [frontend](#) , [backend](#) , [infrastructure](#) , and [DevOps components](#) .

Proficient in selecting and implementing [software architectures](#) tailored to specific needs, including [domain-centric architectures \(clean/hexagonal/onion\)](#) , [microservice architecture](#) , [CQRS](#) , [Event Driven](#) , and more.

Extensive experience in utilizing a wide range of backend and frontend frameworks, including [Angular, React, Spring Boot, and others](#) , to deliver robust and scalable solutions.

## Work History

### <> DevOps Engineer

KalaResane Hasti Golrang

April 2023 to Present

Created CI/CD workflows with Jenkins, leveraging environment variables instead of multiple Jenkinsfiles.

Managed virtualized environments with ESXi, vCenter, Pulumi for Iaas, and Ansible for CaaS.

Implemented GitOps workflows with Netbox as the Single Source of Truth, utilizing Jenkins for CI, and Ansible for streamlined deployment processes.

Automated the configuration generation for HAProxy, BIND9, Prometheus, and various other infrastructure tools from Netbox using GitOps Flow, storing the new configs in a Git repository, and deploying them to servers.

Developed an Internal Development Portal (IDP) for developers, utilizing Jenkins Forms for request submission and Jenkins Webhooks to automate pipeline triggers, enhancing efficiency in development workflows.

Some of Projects:

DevOps Infrastructure role: devops engineer

### <> DevOps Engineer

Nik Gostaran Arsh Diba

January 2020 to Present

Developed dynamic CI/CD pipelines using GitLab for diverse projects.

Automated VM management with ESXi, vCenter, and Terraform.

Implemented Ansible for efficient VM configuration.

Implemented GitOps workflows for seamless deployment.

Integrated Elastic APM and Sentry for comprehensive application monitoring.

Managed logs efficiently using Elastic Stack.

Monitored server and cluster metrics with Prometheus and Grafana.

Ensured High Availability (HA) across Three Datacenters for production.

Configured Kubernetes cluster for streamlined testing and future production migration.

Some of Projects:

DevOps Infrastructure role: devops engineer

### <> Software Consultant

Nik Gostaran Arsh Diba

January 2020 to February 2022

Advised the Product Owner on converting ideas into technical specifications.

Provided development consulting to the technical team, helping them choose the best architectures based on their needs for Spring Boot projects.

Assisted in the migration to microservices.

Designed Adobe XD prototypes for Android applications.

Collaborated with the technical team to design database schemas.

#### Some of Projects:

**Nikdiba Sales Platform** Spring Boot Microservice role: consultant and architecture



### Development Consultant

Hpen StartUp (Tebland)

October 2019 to February 2020

Created user interface designs and animations.

Provided consulting on Android project architecture using MVVM.

Implemented smooth UI animations.

#### Some of Projects:

**Hpen android application** role: ui ux manager, development consultant



### Android Developer

Delino

April 2017 to March 2018

Collaborated to improve performance and fix existing bugs in the Delino application.

Implemented new features and functionalities in the Delino application.

#### Some of Projects:

**Delino android application** role: android developer



### Software Developer

Dadekavan

January 2017 to February 2020

Implemented a business management system using Angular and .NET Core.

Developed a two-dimensional mesh designer Windows application.

Created an internet speed testing Android application for Irancell.

Upgraded the BYD S6 Karmania car multimedia system.

Completed various other applications for businesses and startups.

#### Some of Projects:

**Business management system (BMS)** Based on Angular and .Net Core role: angular developer, .net core developer

**VOIP windows application** Integrated with CMS role: ui designer, c# wpf developer

**Caracal android application** Car Tracking System role: ui designer, android developer



### Android and C# Developer

Zarin Fekran Farhoosh

June 2016 to November 2016

Developed software locks and in-app payment systems for Android applications.

Created a Windows package builder for tutorial video packages, including integrated software locks.

Implemented web-based admin panels to manage activation codes and track activated devices.

#### Some of Projects:

In-App android payment With software lock role: android developer

Video package builder for windows With software lock role: c# wpf developer

Admin control panel Web based role: php developer

first 3/2014

last 5/2021

## Hands-On Projects

### Show Project List

some of latest projects and large-scale projects are not included

