



Alireza khalili

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Isfahan

Profile

Someone who is in love with Linux and its architecture and open source advocate with passion for being a great DevOps engineer.

I started my professional experience as backend developer to learn about layered structure of programming languages (python in my case) and my goal is to be an expert in DevOps engineering.

Accomplishments

- Participation in Iran-Open 2014 Robotics League in Tehran (Lead Programmer)
- Participation in FIRST Global 2017 Robotics League in Washington D.C (Team Lead)

Experience

DEVOPS ENGINEER, RDSYSICO, OCT 2020 - PRESENT

Developing and maintaining high performance docker images, Implementing CI on Trunk-based development and building proper Pipeline including Test Gates and Quality Gates is one of my achievements here.

Implementing immutable infrastructure, Versioning images for upcoming rollbacks and roll forward.

Having understanding of service based applications, microservice and agile methodologies is one of the aspects that helped me improve my knowledge in devops and implementing better structure for the infrastructure.

Tech stack: Tech Stack: Java (Spring-Maven-Gradle), ReactJs, Microsoft SQL Server, PostgreSQL, RabbitMQ, Nginx, Jira, Bitbucket, Jenkins, Docker, ELK Stack, EC2, RDS, S3, SES

BACKEND DEVELOPER, MOTOSSEL INDUSTRIAL GROUP, MAY 2019 - OCT 2020

Developing an online system for buying car consumables and services with includes multiple web/mobile apps for Autosevices, Drivers and Stores. Also creating paperless management and financial systems.

Tech stack: Python, Django, JS, TS, ReactNative, React, PWA, Git, MySQL, Redis, Memcached, Celery, Docker, Gitlab CI/CD, Metabase

TRAINEE (BACKEND), PAYAM PARDAZ CO, NOV 2017 - JAN 2018

First time working with python language in a real work place, Refactoring their python scripts and writing some of them was the main part. I learned about Django framework in this company I was able to see them maintaining their Django products to learn from them.

TRAINEE (BACKEND), IRISA CO, FEB 2018 - MAY 2018

Making SOAP and RESTful web services with Spring-boot and Securing them with Spring-Security and R&D on them was the main part of being and trainee in IRISA. I've learned a lot about Java and Spring framework here.

ELECTRONICS, NOVIN ALMA CO, 2014 - 2017

Fixing and maintaining laboratory equipments was the main part of the job. In other hand one of my interests was read about IoT back then and use company utilities to design and make cool things like smart home, three phase motor remote control and ...

Volunteer

TEACHER, (SHAHID EJEIE - SHAHID FAZILI - EMAM BAQER), MAY 2018 - MAY 2019 (SUMMER EXCLUDED)

Teaching Electronics and Robotics basics with Arduino - RaspberryPi and basic C/C++ Programming language and encourage my students to continue this path and also teach them about Linux and Open Source.

Education

- Mandegar Abuzar, Isfahan, Esfahan – Diploma, 2016
- Kharazmi University, Isfahan, Shahreza – Associate, 2019
- Azad University of Khorasgan (khuisf), Isfahan, Esfahan – Bachelor's, Present

Skills

PROGRAMMING LANGUAGES

- Python
- Go (Beginner)
- Shell Script
- Java

DEVOPS RELATED TECHNOLOGIES

- Docker
- Jenkins
- Ansible
- SonarQube
- ELK Stack
- AWS Services (EC2, SES, ECR, RDS, S3)
- Gitlab Stack

FRAMEWORKS

- Django Framework
- Django Rest Framework (DRF)
- Scrapy (Python)
- Spring

TECHNOLOGIES

- Git
- Celery (Distributed Tasks for Python)
- RabbitMQ
- UWSGI
- Nginx
- IoT (Arduino and RaspberryPi)

OPERATING SYSTEMS

- Linux (Arch, Manjaro, Debian, Ubuntu, Raspbian, Backbox, Kali)
- Windows

SOFTWARE

- Wireshark
- Nmap
- Postman
- Flower (Celery Monitoring)

DATABASE

- MySQL (+ Mysql Workbench)
- PostgreSQL (+ pgadmin4)

SOFT SKILLS

- Teamwork
- R&D
- Love to learn new things

Certifications

- Construction and Maintaining Drone – HESA (Iran Aircraft Manufacturing Industrial) - 2019
- Python Programming - Mehregan - 2017
- C Programming - Mehregan - 2017
- Advanced AVR - Mehregan - 2017