

Mohammad Hadi Azadel

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<https://github.com/hadi2f244>

27 years old

Tehran, Iran



Experience

Software Technical Lead & DevOps Engineer

Arman Rayan Sharif,

[AIPAA project](#)

August 2019 - Present

Iran, Tehran

Arman Rayan is a leading Artificial Intelligence (AI) solution provider in Iran and AIPAA is a public AI service platform, providing comprehensive AI services just like AWS and Google AI services.

Software tech-lead (1st role):

- Founder and Technical lead of AIPAA, responsible for design and development of technical software aspects of the product.
- Design and setup an operation solution capable of handling different AI microservices in a scalable and integrated infrastructure.
- Design and Implementing an API Gateway same as Kong, based on Python, efficient in handling hundreds of requests per second.

DevOps Engineer (2nd role):

- Maintaining a highly available infrastructure with an average of 5 million ongoing transactions per day, about 15 million requests.
- Implementing Monitoring and Log management systems.
- Familiar with containerization and orchestration tools such as Kubernetes.

Technical Manager

Parsiot is a startup in Iran, building Indoor Positioning System (IPS) which replaced GPS in indoor areas.

[ParsIoT](#)

June 2016 - August 2019

Iran, Tehran

Senior software engineer:

- Leading software team
- Backend developer (Golang), The IPS systems work with a server-based solution and every active user should be tracked in a 3-sec time range. Facing the massive workload, we tried to implement an accurate ML algorithm as Golang microservices. Other parts such as user and management panels were implemented in Python/Django alongside positioning services.
- Technical lead of research team, I became familiar with some group managing issues in a startup group of 8 people.

Web Developer & Web Pentest

[Freelancer](#)

June 2015 - June 2016

Iran, Tehran

As a Django developer, I got familiar with basic web developing steps and freelancing projects. Moreover, I collaborated on several Web Penetration Test projects, and I learned about fundamental web vulnerabilities.

Education

1. Iran University of Science and Technology,
*Bachelor of Science (BSc), Computer
Engineering*

September 2012 - November 2016

2. Iran University of Science and Technology,
*Master of Science (MSc), Computer Networks
Engineering*

September 2016 - January 2019

OpenSource Experience

1. DSN ([django-signal-notifier](#))

django-signal-notifier is a notification package for Django to send notifications automatically to users over different channels such as email and Telegram.

<https://github.com/hadi2f244/django-signal-notifier>

2. Parsin Platform

Parsin is a server-side indoor positioning framework. It consists of multiple projects to provides a positioning solution for different platforms like Anroid, ios, and real-time tag tracking.

<https://github.com/ParsIOT/ParsinServer>

Skills

- Cloud-Native Tools
 - Docker
 - Kubernetes
 - Nginx
 - Prometheus & Grafana
 - General knowledge of CNCF landscape tools
 - Python Programming
- Scripting Python
- Django
- Git
- Golang Backend developing (Gin Framework)
- Web PenTest
- Linux Basics: LPIC 1

Personal Interest

- Computer Security
- Reading, *self-help books*
- Video Games
- Witty! ↖(ツ)_/`