

# MOJTABA AHADI

Email: [m.ahadi@outlook.com](mailto:m.ahadi@outlook.com)

Website: <https://m-ahadi.ir>

LinkedIn: <https://www.linkedin.com/in/mojtabaahadi/>

GitHub: <https://github.com/M-Ahadi>

---

Mojtaba has developed Python software for more than 7 years. Mostly, he has developed backend application using Django Framework, but he has developed some other applications too like bots for different platforms. Apart from developing python software, he has worked as DevOps Engineer and System Administrator for 4 years. He has dockerized many software packages, and used GitLab CI to build docker images, test the code and deployments. He has worked with agile practices for more than 5 years.

Mojtaba is self-motivated, goal-oriented, organized and efficient. He is also, problem-solving, friendly and able to work independently.

## Work Experience

2023-Present

SEGULA Technologies, **Python Developer, DevOps Engineer & System Administrator**

- Aurobay: Senior Python Developer and CI/CD Specialist. 2024-ongoing
  - Working as a Senior Python Software Developer, the position requires vast DevOps background). Responsible for developing a new script for the certification process, maintaining, and scaling all the production infrastructure
- Volvo Cars: Python Developer, 2023-2024
  - Developing OpenScenarioConverter software as a platform to convert different types of car drive log files into viewable scenarios. By using several packages like ScenarioGeneration, these log files are converted to OpenDrive and OpenScenario files which are playable by Esmini

2019 – 2023

MANKO, **Python Developer, DevOps Engineer & System Administrator**

- I designed and implemented **CI/CD** based software tool chain using **Gitlab CI and Ansible** for three different products with unique configuration for different deployment.
- I implemented **test automation** and **deployment** for different environments for integration tests of the Nightly builds.
- Dockerized all the developed applications for the company's products. I broke down applications to **Microservices** to increase stability of the software update and easier maintenance.
- Implemented **ELK stack cluster** for monitoring all applications and VMs. This includes different system and application log levels with possibility of **analyzing** billions of **log lines** in seconds and sending alert on events.

- I created different **dashboards** for visualizing important KPIs from the log files.
- Developed Python application to manage VPN certifications, issue/renew certification as **CA** (Certification Authority)
- Developed Python application to monitor and generate proper logs about MySQL cluster status (cluster is consist of several databases in three datacenters)
- Experience in planning for **software delivery** using **GitLab** issuing.
- Documented all the processes have been done.

*Skills/Tools: Python, Nodejs, Git, Docker, Kubernetes, DNS, Linux, Bash, MySQL, GitLab, GitLab CI, Confluence, Ansible, Artifactory, ELK stack, Nginx, pfSense, VMware*

**2018 - 2019**

Bale.ai, **Python Developer**

- Developed bots in python for Bale messenger (similar to WhatsApp) like dictionary, weather forecast, and Wallet.
- **Dockerized** all the developed applications to prepare software for deployment

*Skills/Tools: Python, Data Analysis, MySQL, Docker, Bitbucket, Jira, Confluence*

**2016-2018**

Manko, **Founder**

- I made several IoT electronic devices, like IoT lap and sensors, using ESP8266 which can be controlled online.
- The IoT devices have the capability to be controlled by voice commands.

*Skills/Tools: Esp8266, AVR, C++, Python, MQTT, Raspberry PI, Linux, Altium Designer, Arduino*

**2007 - 2010**

Borhan Mobin, **Counselor**

- I started the research and PoC (Proof of Concept) for IP-TV for the first time in the company.
- I researched and did business evaluation for implementing WiMax regulatory in Iran

*Skills/Tools: IPTV, WiMax, IEEE 802.16*

## Hard Skills

- |   |         |
|---|---------|
| • Python (Django, Flask, NumPy, Pandas, SQLAlchemy) | 7 years |
| • MATLAB  | 7 years |
| • Bash Scripting                                    | 4 years |
| • Embedded Programming                              | 3 years |

• Vuejs	1 year
• C/C++	1 year
• Data Analysis	1 year
• Linux Administration	7 years
• Docker	5 years
• Artifactory	5 years
• Git	5 years
• Databases (MySQL, MariaDB)	5 years
• GitLab & GitLab CI	4 years
• ELK Stack	4 years
• Confluence	4 years
• Nginx	4 years
• DNS (Bind, pfSense)	4 years
• Ansible	3 years
• VMware	2 years
• Galera (MariaDB cluster)	1 year
• Kubernetes	1 year
• Bitbucket & Jira	1 year
• Agile practices	5 years

## Soft Skills

- Problem-solving
- Critical thinking
- Willingness to learn
- Well-organized and efficient.
- Assertive, self-motivated, goal-oriented.
- Friendly - can get along well with others.
- Able to work independently.
- Computer literate - can quickly learn new software.
- Skilled with computer systems and software.
- Enjoy working with people.

## Language Proficiency

- Persian: Mother tongue
- English: Advance
- French: Intermediate

## Education

**Doctor of Philosophy - PhD Wireless Communication Antenna Design, Urmia University**  
 Wireless Communication Antenna Design  
 GPA: A  
 Scientific Publications: <https://m-ahadi.ir/publications>

**Doctor of Philosophy - PhD Wireless Communication Antenna Design**, Putra University of Malaysia (Transferred)

Wireless Communication Antenna Design GPA: A

Scientific Publications: <https://m-ahadi.ir/publications>

**Master of Science (M.S.) Wireless Communications**, Amirkabir University of Technology - Tehran Polytechnic

Near zone to far zone field transformation.

**Bachelor's Degree Electrical and Electronics Engineering**, Sahand University of Technology

Founded the first robotic group in the university.