

Pejman Samadi

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EXPERIENCE

- **DevOps/MLOps Engineer** Tehran, Iran
AiMedic (Full-time) Mar 2022 - Present
 - **CI/CD**: Designed and implemented CI/CD pipelines using **GitLab-CI** for multiple projects, reducing deployment time by 30%.
 - **Infrastructure as a Code**: Utilized **Ansible** for configuration management and automation of infrastructure tasks, resulting in improved efficiency and reliability of the infrastructure.
 - **Docker**: Dockerize Python, AI, Back-End, and Front-End projects.
 - **MLOps**: Worked closely with data scientists and ML engineers to deploy machine learning models in production using TensorFlow and Docker.
 - **Labeling**: Developing a Python package to handle data pipelines designed for communication with **XNAT**, a tool for labeling medical data.
 - **Monitoring**: Monitoring service requests, resource usage, and logs using tools such as *Grafana*, *Prometheus*, and *Loki*.
 - **Development Platform**: Acted as the GitLab administrator for the company, responsible for maintaining and updating the system to ensure optimal performance and functionality.
- **ML/MLOps Engineer** Tehran, Iran
AiMedic (Part-time) Nov 2021 - Mar 2022
 - **AI developer**: Develop an AI model to detect lung in CXR images.
 - **Back-End developer**: Working w/ Back-End Web Development tools like FastAPI & Flask.
- **Summer Internship** Chicago, US
Upkey (Internship) Jul 2021 - Sep 2021
 - Soft Skills
 - Entrepreneurship
 - Digital Marketing

EDUCATION

- **University of Tehran** Tehran, Iran
Master of Business Administration - MBA Sep 2022 - Present
- **Iran University of Science and Technology** Tehran, Iran
Bachelor of Engineering - Electrical and Electronics Engineering Sep 2017 - Sep 2022

SKILLS SUMMARY

- **Languages**: Python, Swift, Bash
- **Frameworks**: TensorFlow, PyTorch, FastAPI, Flask
- **Tools**: Kubernetes, Docker, Git, Gitlab-CI, GitHub Actions, Ansible, SQLite
- **Platforms**: Linux, MacOS
- **Soft Skills**: Problem-Solving, Writing, Time Management

PROJECTS

- **LS-Fastapi (Tensorflow, FastAPI, DVC, Docker, Kubernetes)**: An AI model for lung segmentation in CXR images, deploying with FastAPI. | Use DVC for data version control, and dockerizing web-app. | Deploy projects w/ K8s.
- **FaceRecognition Django (PyTorch, Django, Docker)**: A FaceRecognition module written with facenet-pytorch. | Use Django as the web framework. | Dockerized project.

CERTIFICATES

- **Programming Fundamentals in Swift** Coursera
Swift Programming | iOS App Development
- **Version Control** Coursera
Version Control | Bash (Unix Shell)
- **Introduction to Containers, Kubernetes, and OpenShift V2** Cognitive Class
Kubernetes | OpenShift V2
- **TASK-ORIENTED COURSE IN LINUX** Quera
Linux | Bash (Unix Shell)