Samad Elmakchi

Contact Information:

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- **Address:** Tabriz, East Azerbaijan, Iran
- **Date of Birth:** 13 August 1982
- **Marital Status:** Married

Profile Summary

I am **Samad Elmakchi**, a dedicated and versatile **DevOps Engineer** and **Python Backend Developer** with over two decades of experience in the software development lifecycle. My expertise lies in optimizing and automating workflows, designing scalable **microservices architectures**, and implementing robust **CI/CD pipelines** using tools such as **Docker**, **Kubernetes**, and **Jenkins**. I am passionate about enhancing system reliability and team productivity by combining cutting-edge technologies with **agile methodologies** like **Scrum** and **Kanban**.

Throughout my career, I have successfully taken on leadership roles, including **DevOps Manager** and **Scrum Master**, where I championed team collaboration, automated testing, and effective communication. My hands-on approach to problem-solving and system design ensures seamless integration and operation of complex infrastructures. I am currently advancing my expertise in **Kubernetes** and container orchestration, continuously seeking opportunities to contribute to innovative projects.

Driven by curiosity and a commitment to knowledge sharing, I actively document my work and make my projects accessible for community learning. With a calm demeanor, strong technical foundation, and collaborative spirit, I consistently deliver value and foster growth within teams and organizations.

Skills ~~~~~~

DevOps:
- **Containerization & Orchestration:** Docker, Docker Compose, Kubernetes, Docker Swarm
- **CI/CD Tools:** GitLab CI, Jenkins, GitHub Actions
- **Configuration Management:** Ansible, Terraform

Automation & Monitoring:
- **Monitoring Tools:** Grafana, Prometheus
- **Web Servers:** Nginx, Apache HTTP Server
- **Scripting:** Bash
- **Log Management:** Elasticsearch, Kibana, Logstash, Fluentd

Testing & Automation:
- **Automated Testing Tools:** PyTest, Selenium, Locust
- **Test Strategies:** Functional Testing (Unit, Integration, End-to-End) and Non-Functional Testing (Load, Performance, Stress)

Backend Development:
- **Languages & Frameworks:** Python (FastAPI), PHP
- **Microservices Architecture**

Databases & Messaging Systems:
- PostgreSQL, MySQL, Redis, MongoDB, RabbitMQ, Celery

Agile Methodologies:
- **Frameworks:** Scrum, Kanban
- **Team Practices:** Agile planning, Sprint management

Education ~~~~~~

- **Bachelor of Computer Engineering**
  - **Branch:** Software
  - **University:** PNU
  - **Location:** East Azerbaijan, Iran

Work Experience ~~~~~~

- **DevOps Engineer** | Nikan Mehr Pardazesh Afza | Tabriz, Iran | Jul 2024 – Present
- **Project Manager & Scrum Master** | Ekeeep Startup | Tabriz, Iran | Apr 2019 – Jul 2024
- **Data Visualization Engineer** | Noyan Co. | Tabriz, Iran | Nov 2017 – Apr 2019
- **Back End Developer** | Tasmim Yaran Co. | Tabriz, Iran | Oct 2015 – Nov 2017
- **Web Developer** | Rahbord Co. | Tabriz, Iran | Aug 2008 – Oct 2015

Languages ~~~~~~

- **English:**Intermediate-Advanced (Capable of effective communication and technical writing)
- **Persian:** Native
- **Turkish:** Fluent
- **Azerbaijani:** Fluent