

Sam Ahmadizadeh Tourzani

Software Engineer

sam.ahmadizade@yahoo.com

[Linkdin](#) | [Github](#)



SUMMARY

Driven software engineer with hands-on experience from a Quera internship and a position at Kodalab, where I honed my skills in software development using Python - Django and FastAPI and engineering practices. Experiences in programming with Go and utilizing the Gin framework for building a robust container management system.

EDUCATION

- **Iran University of Science and Technology (IUST)** October 2022 - Present
Bachelor of Computer Science Tehran, Iran
- **Allameh Helli No.3** October 2019 - June 2022
Diploma of Mathematics Tehran, Iran

EXPERIENCE

- **IPM (High Performance Computing)**  Tehran, Iran
On site
 - **System Developer** September 2024 - Present
 - * Worked with automation tools like Ansible.
 - * Configured a high-availability object storage (MinIO) with load balancing using Traefik.
 - **System Development Intern** July 2024 - September 2024
 - * Worked on a container management system using Go, PostgreSQL, and Bash Scripts.
 - * Worked with OS-level virtualization and container engines (Docker).
 - * Worked with Prometheus Monitoring System to track system performance and created monitoring dashboard using Grafana and PromQL.
- **Quera**  June 2023 - September 2023
Software Engineer Internship Remote
 - Gaining proficiency in essential tools and technologies such as Git, SQL.
 - Worked with frameworks such as Django, Django Rest Framework.
 - Worked with OS-level virtualization like Docker.

SKILLS

- **Programming Languages:** Go[+Gin], Python[+Django, Fast API, Matplotlib, Pandas, Numpy], C/C++, Bash
- **Software Engineering:** Celery, Docker, RabbitMQ, MinIO, SQL, HTML
- **DevOps & Version Control:** Linux, Git, Prometheus, Grafana
- **Database Systems:** MySQL, Postgresql, Redis

VOLUNTEER EXPERIENCE

- **Advanced Programming Head Teaching Assistant** Feb 2024 - June 2024
Iran University of Science and Technology
- **KodaLab**  September 2023 - May 2024
Software Engineer Remote
 - Worked with frameworks such as Django, Django Rest Framework.
 - Gaining proficiency in essential tools and technologies such as Git, SQL
 - Worked with OS-level virtualization and container engines. (Docker).

CERTIFICATIONS

- **TASK-ORIENTED BOOTCAMP IN SOFTWARE ENGINEERING WITH DJANGO**
- **Professional Project-Oriented Course In Backend Development With Django**
- **Task-Oriented Course In Data Analysis With Python**
- **Task-Oriented Course In Version Control With Git**
- **Advanced Python Programming And Object-Oriented Thinking Course**

HONORS AND AWARDS

- **Third place Fira 2019 South Korea Wheeled Sport Robots** June 2019
Fira Cup
- **Second Place in IoT Cup 2020 Iran** September 2021
IOT House of Iran
- **First place in Fira 2019 Iran Wheeled Sport Robots** February 2019
Fira Cup