

Ali Esmaeili

Backend · AI Systems · Platform Engineering

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01 PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years shipping production systems in Python, Go, AI/LLM workflows, and DevOps. Primary focus is full-time product engineering; selective consulting and AI/backend side work run in parallel without impacting full-time delivery. Builds scalable backends, embeds LLMs/NLP into products, automates infrastructure with Ansible and CI/CD, and ships AI-assisted development workflows across Django, Streamlit, n8n, and cloud deployments. Fluent in English and Persian; Master's degree in Artificial Intelligence.

02 EXPERIENCE

- Senior Software Engineer

Neurocage Systems LTD / Full-time · Remote / Montreal, Canada

Jul 2023 - Present

 - Deliver embedded and backend software focused on reliability, hardware integration, and production stability across multi-team releases.
 - Design AI analytics agents and visualization workflows that turn operational data into actionable insights for product stakeholders.
 - Own Django management panels, device-to-cloud integrations, and CI/CD pipelines that accelerate safe testing and deployment.
- Software Team Lead | Backend, AI Systems & DevOps

Ai Run / Self-employed · On-site / Iran

Sep 2024 - Present

 - Lead architecture and delivery of Python (Django) and Go backends for AI-driven apps; set coding standards and run reviews.
 - Spearhead LLM/automation integrations and real-time services (WebSockets); own Docker, Traefik/Nginx, SSL, DNS, and CI/CD.
 - Mentor developers and align engineering roadmaps with product goals for reliable production releases.
- Technical Consultant

Acticomp / Contract · Hybrid / Alborz, Iran

Jun 2025 - Present

 - Advise Network and Security teams on software integration; deliver API and Ansible automation with implementation guides.
- Mizfa Tools

3 roles · Alborz

Jun 2021 - Jul 2025

Technical Consultant

Contract · Remote / Alborz, Iran

Jun 2023 - Jul 2025

 - Advised on SEO analytics architecture (Python, Django, ClickHouse) and resolved backend conflicts with about 95% issue-closure success.

Technical Team Lead

Full-time · On-site / Karaj, Iran

May 2022 - May 2023

 - Led data-pipeline delivery for SEO analytics and mentored engineers; code-review practices cut recurring defects by about 20%.

Software Engineer

Full-time · On-site / Karaj, Iran

Jun 2021 - May 2022

 - Built 10 Django apps and 30+ Django REST Framework endpoints with custom permissions, improving API access control by about 40%.

03 PROJECTS

ENTERPRISE

khalifechi.com alizade-watchgallery.com bencoshoes.ir therahome.irdastres.net ecommercy.net

OPEN SOURCE

BaxAuto RapidHLS Jexon perfometrics FtpHook

04 SKILLS

CORE

Python · Django · Django REST Framework · Go · Echo · FastAPI · Flask

AI & AUTOMATION

Generative AI · LLMs · NLP · AI Agents · Streamlit · n8n · AI-assisted Development

DATA & BACKEND

PostgreSQL · MySQL · ClickHouse · MongoDB · Redis · RabbitMQ · Web Scraping · Big Data

DEVOPS & PLATFORM

Linux · Docker · Ansible · CI/CD · Nginx · Traefik · WebSockets · SSL/DNS/CDN

FRONTEND & TOOLING

Astro · Electron.js · Git · REST APIs

05 EDUCATION

Master's Degree — Artificial Intelligence 2022 - 2026

Islamic Azad University, Qazvin Branch

Bachelor's Degree — Computer Engineering 2018 - 2022

Islamic Azad University, Karaj Branch

06 CERTIFICATIONS

5-Day Gen AI Intensive with Google

Google · Kaggle

Supervised Machine Learning: Regression and Classification

DeepLearning.AI · Coursera

Using Python to Interact with the Operating System

Google · Coursera

Linux — Task Oriented Course

Quera College · Perfect

Web Design for Everybody

University of Michigan · Coursera

07 LANGUAGES

English

Professional working proficiency

Persian

Native

VOLUNTEER Software Mentor & Git Instructor — Python/Django Bootcamp at Quera**VOLUNTEER** Translator & Editor — WordPress Community