

Mohammad Efazati

Principal DevOps Engineer · Co-Founder of EasyEnv

20+ years building production infrastructure and engineering teams across 50+ companies. Ran thousands of technical interviews along the way, and now co-founding **EasyEnv**, the hiring platform that interviews engineers on real Linux boxes, AI included.

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PROGRAMMING

Expert

Python (10+ years)

Proficient

Go, Bash

Familiar

Rust, Node.js, PHP, JavaScript

CLOUD & INFRASTRUCTURE

Cloud

GCP, AWS, Hetzner, Cloudflare

Linux

Ubuntu, Debian, Red Hat, Rocky Linux, CentOS, FreeBSD

Virtualization

Proxmox, KVM, bare-metal, Vagrant

Containers

Kubernetes (5+ yrs), Docker, Podman, Helm

IaC

Terraform, Puppet, Ansible, HashiCorp Packer

Networking

OpenVPN, WireGuard, NetBird, DNS, BGP

Databases

PostgreSQL, MySQL, Redis, MongoDB, Cassandra

CI/CD & RELIABILITY

Pipelines

Jenkins, GitLab CI, GitHub Actions, CircleCI, ArgoCD

Proxy / LB

HAProxy, Nginx, Traefik, Squid Proxy

Security

HashiCorp Vault, Keycloak, SSO, OAuth, JWT

EXPERIENCE

EasyEnv

Jan 2023 – Present

Co-Founder, at Donedeploy

Remote, Ireland

Hiring platform that interviews engineers on real production Linux. Candidates use AI; teams watch every keystroke. **EasyEnv** is Donedeploy's flagship product.

TECH Kubernetes, Terraform, AWS, GCP, Python, Next.js, Anthropic API, NetBird

Built ephemeral VMs, session recording, multi-tenancy, OAuth/JWT, recipe-based machine config.

58+ Ansible recipes for Kubernetes, ELK, monitoring, broken-on-purpose interview challenges.

Live collab: shared terminals, port-view proxy, Jitsi, rrweb replay with custom compression.

AI features via Claude + Anthropic Agent SDK. Engineered on Claude Code.

AI-era hiring positioning: candidates use AI, teams watch every keystroke.

Royal Bank of Canada

Nov 2022 – Sep 2023

Principal DevOps Engineer, via Manakau

Remote, Ireland

Led 5 engineers building an internal developer platform so quant developers could ship to production without touching Jenkins, Kubernetes, or HTTP plumbing themselves.

TECH AWS, Kubernetes, OpenShift, OpenTelemetry, Python, Jenkins, Prometheus

Introduced OpenTelemetry across services for vendor-agnostic observability.

Shipped a full developer environment with all required languages, tooling, and project scaffolding pre-wired.

Built custom Linux containers on OpenShift as Jenkins agents; deployed and operated the Prometheus cluster.

Clover, Fiserv

Nenagh, Ireland · Dec 2020 – Nov 2022

EMEA DevOps Engineering Manager

May 2022 – Nov 2022

Managed 8 engineers and the service architecture they owned.

TECH GCP, Kubernetes, Puppet, Terraform, Go, Jenkins, Vault

Introduced an agile intake model (run-the-business vs. project work) to stabilize infrastructure delivery.

Redesigned Jenkins with autoscaling, HA, and a hardened security model.

Staff DevOps Engineer

Dec 2020 – May 2022

Owned reliability, performance, and capacity for Clover's products end-to-end.

Built outbound-request caching with Squid plus health-checked traffic rotation, written in Go.

Stood up ephemeral test environments alongside Dev Integration, Staging, and QA tiers.

Unified CI/CD across 200+ projects with a cleaner SCM strategy.

OBSERVABILITY

Metrics / Tracing

Prometheus, OpenTelemetry, Grafana, Loki, Tempo

Stacks

ELK, Datadog, Wavefront

AI & LLM

Models

Claude (Opus, Sonnet, Haiku), GPT-4, Llama, DeepSeek

Tooling

Claude Code, Anthropic Agent SDK, Cursor, GitHub Copilot

Integration

Anthropic API, OpenAI API, Ollama, prompt caching, tool use

FRAMEWORKS

Python

Django, Flask, DRF, SQLAlchemy, Celery, Scrapy

JS & Go

Next.js, Vue.js, Backbone.js, Socket.io, Gorilla Mux

Misc

Stripe, rweb, WebSockets, Jitsi

EDUCATION

Tehran University

Bachelor of Software Engineering. 2009 – Incomplete.

NODET

Mathematics track. 2002 – 2009.

COMMUNITY

TehranLUG. Co-Founder, 2009 – present.

IrPycon. Founder of the Iranian Python community, 2014 – present.

SalamDonya. Editor-in-chief of Iran's first free software magazine, 2016 – 2017.

ZConf. Presenter and editorial board, 2011 – 2016.

Open source. 38 public repos including *i3buntu* (57 ★), *samwise*, *satl*.

Cainthus

Sep 2018 – Dec 2020

Senior DevOps Engineer

Dublin, Ireland

Built a hybrid cloud + edge platform so every team could ship autonomously.

TECH Kubernetes, AWS, Ansible, Terraform, Go, Python, NVIDIA Jetson, Raspberry Pi

Wrote a Kubernetes + AWS wrapper (API and CLI) with ACL and integrated CI/CD.

Built the Kubernetes installation pipeline end-to-end as code.

Operated a 100+ node distributed Kubernetes cluster spanning x86 and ARM.

Automated OpenVPN deployment, monitoring, central user management, and HA.

Noavaran Saramad Sharif

Jul 2017 – Sep 2018

DevOps Tech Lead

Tehran, Iran

Owned architecture, schema design, and CI/CD across the engineering team.

TECH Python, Django, Vue.js, Kubernetes, PostgreSQL, ELK

Shipped *Mobank wallet* (mobank.co), a payment system integrated with government banks.

Designed an end-to-end encryption layer handling MITM, key exchange, and rotation.

Customized Open edX as the foundation for a local e-learning platform.

AEC (formerly Cvas)

Jan 2013 – Jul 2017

Co-Founder, Software Engineering Director

Tehran, Iran

Co-founded **Cvas** in 2013; acquired by AEC in 2015 and stayed on as Engineering Director. Led a 30+ engineer team, drove architecture, shipped the most complex modules.

TECH Python, Django, MongoDB, Cassandra, Go, Redis, Celery, RabbitMQ

ARGUS. Network and sensor monitoring at MTN Irancell (1M sensors per second).

nanoDLP. First Iranian 3D printer software running on Raspberry Pi.

Mazanex. Currency, gold, and stock market monitoring with 6M daily visits.

BAB. Marketplace for 8K+ Iranian shops; also powered *Itzar* gold market.

Wikipedia analysis with Word2Vec and graph relations, TF-IDF news summarization, event-detection news aggregator.

Operated 30+ servers covering Nginx, uWSGI, GitLab CI, monitoring, backup, and disaster recovery.

Earlier roles

Tehran · 2007 – 2013

Bayan. Senior Software Engineer, 2010 – 2013. Designed and shipped *Blog.ir*, *Bayanbox* (file sharing), *Hod* (email), and Bayan SSO from scratch on Python, Django, and MongoDB.

Sepehr Andisheh Javan. Software Engineer, 2010. SCORM LMS, web-based ERP, Tehran Short Film Festival site.

Farzan Institute. Software Engineer, 2009 – 2010. Moodle customizations: Farasa, Sanje, Faradata.

Freelance. 2007 – 2010. 50+ websites and 30+ MVPs shipped for SMEs.