# Hossein Mohammaddokht

DevOps | API Management & AI Platform Engineer

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mohamaddokht

I've spent most of my career working with Linux, networking, servers, and production systems. In recent years, my work has focused on DevOps, Kubernetes, API gateways, API management, and troubleshooting financial applications.

I'm currently building AgentWallet, Atlas and Kuhban, moving toward AI Systems and Agentic AI Platform Engineering. The work covers backend services, agent workflows, APIs, testing and deployment. Some AI features are still in development or planned.

## SKILLS

- API Platforms: API Gateways, API Management, REST APIs, Service Integration, Troubleshooting
- Infrastructure & Cloud: Linux, Networking, Docker, Kubernetes, AWS, Nginx, Traefik
- DevOps & Automation: CI/CD, GitHub Actions, GitLab CI, Argo CD, Ansible, Terraform
- Monitoring & Data: Prometheus, Grafana, ELK, PostgreSQL, PostGIS, MinIO, Nexus
- Scripting & Testing: Python, Bash, Go (Basic), API/Integration Testing, Java Application Troubleshooting

## WORK EXPERIENCE

### Independent Product & Platform Engineer

Personal Projects

Late 2026 – Present | Tehran, Iran

**Achievements / Tasks**

- Working on AgentWallet, Atlas, and Kuhban, focusing on backend services, infrastructure, API design, testing, and deployment.
- Setting up and maintaining Docker-based environments, databases, CI/CD workflows, and supporting services.
- Working toward practical AI and agent-based features in these products.

### DevOps Engineer (API Platforms)

Algoritm Co. — SAAD Holding

Jun 2025 – 2026 | Tehran, Iran

**Achievements / Tasks**

- Worked mainly on API gateway and API management systems: deployment, configuration, API policies, integrations, and troubleshooting.
- Maintained API management services on Kubernetes and investigated issues between gateways and backend services.
- Supported financial applications, including Apache Fineract, and troubleshot Java-based services.
- Tested application behavior, checked logs and API responses, and worked with developers to resolve issues.

### DevOps Engineer

Mobtakeran Publishing

Jul 2019 – May 2025 | Tehran, Iran

**Achievements / Tasks**

- Moved parts of the infrastructure from Windows/IIS to Linux environments.
- Configured and maintained Nginx and Traefik reverse proxies for routing and access.
- Helped move applications from monoliths toward microservices and supported the Mobedu e-commerce launch.
- Worked on Linux servers, application deployments, and troubleshooting.

## WORK EXPERIENCE

### Freelance Network & Data Center Engineer

Independent / Client Projects
Feb 2017 – Jun 2019 | Iran

**Achievements / Tasks**

- Built and maintained networks, servers, virtualization environments, and firewall configurations for small businesses.
- Helped clients troubleshoot infrastructure and connectivity problems.

### Project Manager & Network Engineer

Fankash (Tehran Municipality Employees IT)
Aug 2015 – Dec 2017 | Iran

**Achievements / Tasks**

- Maintained data center servers and network infrastructure, including monitoring and security tools.
- Worked on network security, system availability, and Linux/Windows environments.

### Technical Engineer & Help Desk

MIDCO / Noran Co. / REMIS Co.
Jan 2009 – Aug 2015 | Iran

**Achievements / Tasks**

- Provided technical support, network troubleshooting, and IT systems maintenance across several companies.

## CERTIFICATES & TRAINING

- **DevSecOps Training (2026)**
- **DevOps Administration (2024)**
- **CCNP & CCNA (2013)**
- **PMP / Agile / Scrum coursework — University of Tehran (2017)**
- **AWS Cloud Practitioner Essentials (2025)**
- **VMware vSphere (2015)**
- **CWNA (2013)**

## EDUCATION

**Bachelor's Degree, Hardware & Network Technology**
Jahad Daneshgahi Sanati Sharif
2008–2011 | Tehran

**Associate Degree, Computer Hardware**
Gostaresh Anformatic Iran
2005–2008 | Tehran

**Diploma, Mathematics & Physics**
Shahid Hosseini Nejad
2000–2003 | Tehran

## LANGUAGES

- **Persian**
  *Native*
- **English**
  *Full Professional Proficiency*
- **German**
  *Basic*

## PERSONAL PROJECTS

### AgentWallet

**AI Agent Authorization & Transaction Platform · In development**
Developing a platform where AI agents can request services and prepare actions on behalf of users, with clear permission limits and confirmation for sensitive steps.

### Atlas

**Regional Intelligence & Tourism Platform · In development**
Building a location-based platform that brings geographic and tourism data together for discovery, research and tour-guide workflows.

### Kuhban

**Outdoor Route & Decision-Support Platform · In development**
Building a route discovery platform that uses geographic data and supporting evidence to help people evaluate outdoor routes.