

# Amirmohammad Shakeri

## Technical Lead

*amirmuhammadshk@gmail.com | <https://www.linkedin.com/in/amirmuhammadshk>*

Experienced Software Engineer with expertise in AI, machine learning, DevOps, and scalable systems. Specializes in AI automation, cloud infrastructure, and backend development using Python, FastAPI, Kubernetes, and PostgreSQL to deliver intelligent, high-performance software solutions.

## Work Experience

### Technical Lead

May 2025 - Present

*Remolab | Paris, Île-de-France, France*

Leading Generative AI projects with advanced ML techniques, leveraging Ansible, AI, and 15+ technologies to deliver intelligent automation. Driving technical strategy, architecture, and execution of innovative, high-impact AI solutions.

### Research And Development Engineer

Jan 2024 - May 2025

*Remo Lab | Paris, Île-de-France, France*

Designed AI-driven software enhancing automation and UX, built scalable cloud infrastructure, and developed intelligent systems for event management, finance, and onboarding. Leading R&D on AI agents, NLP, and autonomous multi-agent systems to drive innovation and decision-making.

### Software Engineer - Part time

Sep 2023 - Apr 2024

*Remotion.live | Paris, Île-de-France, France*

Built an AI-powered fashion recommendation system using LLMs and user behavior, with real-time analytics and Telegram integration. Designed scalable backend architecture and managed cloud infrastructure using CI/CD, Kubernetes, and DevOps for optimized performance and automation

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### Linux Engineer

Nov 2020 - Dec 2023

*APK Group (Amn Pardazan Kavir )*

Managed secure, scalable Linux/FreeBSD infrastructure and automated CI/CD pipelines. Engineered high-speed firewalls, VPNs, and captive portals using kernel-level optimizations and zero-copy architecture. Led R&D achieving 40 Gbps throughput and streamlined firmware builds by 50%.

### BackEnd Developer

Mar 2019 - Nov 2020

*saafaa*

Designed geospatial system modules and secure banking features. Led backend for an AI-driven smart irrigation platform, cutting water waste by 50%. Automated geodata syncing, reducing costs by 15% through efficient, scalable backend solutions.

### BackEnd Developer

Oct 2016 - Oct 2018

*Boshrapardaz*

Led diverse projects in web development, VoIP, video calls, IP tracking, and data analysis. Built offline teaching and payroll platforms, enhanced communication with VoIP and Asterisk, and integrated OpenStreetMap and ELK for advanced geospatial analytics.

## BackEnd Developer

Sep 2014 - Sep 2016

*Freelance*

Developed enterprise and personal web applications, delivering tailored, user-centric solutions. Applied deep web development expertise to boost online presence, engagement, and user experience across diverse client projects.

## Core Skills

Category name:

Python, C, LPIC 1, LPIC 2, LPIC 3, Docker, Kubernetes, Ansible, SaaS, PaaS, IaaS, Generative AI, LangChain, Semantic Kernel, AutoGen, Django, Reinforcement Learning, ML/DL, Relational Database, Socket Programming, Microsoft Azure, Google Cloud, Artificial Intelligence, RESTful API, Object Oriented Programming, Functional Programming, Elasticsearch, Redis

## Education

### Science & Arts University

Oct 2016 - Oct 2021

Bachelor Computer Software Engineering

## Languages

English (*PROFESSIONAL\_WORKING*), Persian (*NATIVE\_OR\_BILINGUAL*)

## Certificates

### Python Object-Oriented Programming

*LinkedIn*

### Learning Docker

*LinkedIn*

### Learning Ansible

*LinkedIn*

### CompTIA Network+ (N10-008) Cert Prep: 1 Understanding Networks

*LinkedIn*

### Introduction to Terraform on Azure

*LinkedIn*

### Azure Management: Portal, PowerShell, and CLI Basics

*LinkedIn*

### Azure OpenAI: Generative AI Models and How to Use Them

*LinkedIn*

## **Building Apps with AI Tools: ChatGPT, Semantic Kernel, and Langchain**

*LinkedIn*

## **Building Skills with Semantic Kernel**

*LinkedIn*

## **Developing Cross-Cultural Intelligence**

*LinkedIn*

## **Introducing Semantic Kernel: Building AI-Based Apps**

*LinkedIn*