

Amirkian Kiani

📍 Tehran, Tehran, Iran ✉ great.kian2001@gmail.com ☎ (+98) 9921267228 📧 in/amirkian-kiani 🌐 amirkiankiani.ir

SUMMARY

Senior Backend and Software Engineer with over **10 years of programming experience** and **7+ years specializing in Python development**. Proven expertise in building **scalable, high-performance backend systems, ERPs, and cloud-based platforms** using **Python (Django, Odoo)** and **Go (Gin)**. Skilled in **microservices architecture, DevOps automation (Docker, Kubernetes, CI/CD)**, and **AI-driven applications** integrating LLMs and media processing pipelines. Recognized for **technical leadership, clean architecture design, and cross-functional collaboration** delivering reliable, production-grade solutions for both startups and enterprise clients.

EXPERIENCE

Senior Software Engineer

Faraatar Entrepreneurship Group

October 2024 – Present, Tehran, Iran

- Designed, customized, and implemented **Odoo ERP modules** across HR, Accounting, Payments, CRM, and Project Management, aligned with **Iranian business and tax regulations**.
- Led end-to-end **Odoo backend development** using **Python, PostgreSQL, and Docker**, improving system scalability, reliability, and maintainability.
- Developed and deployed **IAP (In-App Purchase) services, RESTful APIs, and microservices** to extend Odoo functionality and support third-party integrations.
- Engineered **secure image encryption** systems and advanced **data protection mechanisms** to enhance platform security and compliance.
- Built and integrated **WhatsApp, SMS, and multi-channel communication** services into Odoo workflows for automated marketing and customer engagement.
- Optimized performance and automated deployments through **CI/CD pipelines**, improving delivery efficiency and reducing downtime.
- Collaborated with cross-functional teams to deliver **custom ERP solutions** for clients in diverse industries, contributing to the company's success as an official **Odoo Partner**.
- Provided ongoing technical mentorship, code reviews, and architectural guidance for junior engineers and ERP implementation teams.

Freelance Software Engineer

Freelancer

October 2023 – July 2024, Tehran, Iran

- Designed and implemented **RESTful APIs** using **Go (Gin)** and **Python (Django/DRF)** for diverse client projects in the **video processing** and **travel-ticketing (plane, train, bus)** domains.
- Developed **scalable microservices** including a **real-time video streaming and conversion platform**, optimized for performance and reliability.
- Built secure **authentication and third-party integrations** (payment gateways, identity providers) to support production-grade systems.
- Automated build and deployment workflows with **CI/CD pipelines**, reducing deployment time and improving delivery consistency.
- Delivered end-to-end backend solutions—covering **API design, database modeling, and DevOps integration**—for high-traffic commercial platforms.

Python/Django Mentor

Maktab Sharif

August 2023 – June 2024, Tehran, Iran

- Delivered **interactive Python and Django training sessions** for learners with diverse technical backgrounds, emphasizing hands-on, project-based learning.
- Provided **personalized mentorship and technical guidance**, assisting students in debugging, architecture design, and best practices.
- Developed **structured coding exercises, assignments, and mini-projects** to strengthen practical understanding of backend development concepts.
- Collaborated with instructors to **improve and modernize the curriculum**, ensuring alignment with **industry standards and emerging technologies**.

Python/Django Mentor

Quera

September 2023 – February 2024, Tehran, Iran

- Delivered **practical Python and Django workshops** for learners, focusing on real-world problem-solving and clean code principles.
- Provided **personalized mentorship and technical assistance**, guiding students through debugging, optimization, and architectural design.
- Designed **targeted coding exercises and hands-on projects** to reinforce learning outcomes and strengthen backend development skills.
- Collaborated with academic staff to **enhance curriculum content**, ensuring alignment with **modern software engineering practices** and frameworks.

Senior Backend Developer

Azadfekri School

September 2022 – September 2023, Tehran, Iran

- Architected and developed a **social media platform** enabling users to share and engage through **video, audio, and text posts**, with interactive **comments and live content discussions**.

- Integrated **AI-powered assistants (LLMs and fine-tuned chatbots)** to automatically **summarize user sessions** and enable **contextual Q&A** based on shared content.
- Implemented **video and audio processing pipelines** for caption generation, transcription, and summarization using **machine learning and language models**.
- Designed and deployed **scalable microservices** and **RESTful APIs**, orchestrated with **Kubernetes**, ensuring high availability and efficient resource utilization.
- Led a **DevOps transformation**, establishing CI/CD pipelines and containerized deployments to accelerate delivery cycles and maintain production reliability.
- Optimized **database queries and backend performance**, improving response time and system throughput under heavy user load.

Technical Backend Developer Expert

Golden Key

September 2021 – September 2022, Tehran, Iran

- Developed and maintained **backend systems** powering large-scale **B2B products** for major clients including **Digikala, Namava, Irancell, MCI, and Soroush+**.
- Implemented and optimized **RESTful APIs** for **HTML-based games, video streaming, music, podcast, and audiobook platforms**.
- Enhanced **application performance by 20%** through advanced query tuning, caching strategies, and code-level optimizations.
- Collaborated with cross-functional teams to deliver **high-availability, media-centric platforms** supporting thousands of concurrent users.
- Improved **database efficiency and scalability** using **PostgreSQL, Redis, and Celery-based background processing** for media workloads.

Python Backend Developer

Codenegar

April 2021 – August 2021, Tehran, Iran

- Designed and developed backend systems for two major products: a **full-featured e-commerce platform** and a **content creator monetization platform** supporting donations, subscriptions, and digital content sharing.
- Built and optimized **RESTful APIs** and database schemas to enhance scalability, maintainability, and performance.
- Diagnosed and resolved **critical backend issues**, improving system stability and user satisfaction.
- Collaborated closely with frontend and DevOps teams to ensure seamless integration, secure deployments, and efficient data flow across services.

Python Backend Intern

Richedu

December 2020 – March 2021, Vancouver, British Columbia, Canada

- Contributed to the development of a **Learning Management System (LMS)** alongside an international team of developers.
- Gained hands-on experience with **Django**, implementing and testing backend features for data handling and user management.
- Assisted in **optimizing and refactoring Python applications**, improving reliability and maintainability.
- Supported **documentation and quality assurance** efforts to ensure consistency across globally distributed codebases.

PROJECT

iTunes

itunes.ir • itunes.ir

- **Music streaming and digital shop platform** enabling users to **stream, purchase, and download music** seamlessly through a modern web interface. Developed backend systems for **audio streaming, user subscriptions, and digital purchases**, ensuring scalability and secure media delivery.

Chaargoosh

chaargoosh.com • chaargoosh.com

- **Comprehensive audio platform** offering **audiobooks, podcasts, and e-publications**, designed for seamless listening, downloading, and content discovery through an intuitive web interface. Developed backend systems for **audio streaming, content management, and user subscriptions**, ensuring scalability and high performance.

Azad

azad.im • azad.im

- **AI-powered social media platform** enabling users to share opinions through **video, audio, and text**, with interactive **comments and live discussions**. Integrated **LLM-based summarization and fine-tuned chatbots** to generate contextual insights and allow users to **ask questions about content** they engage with. Implemented **video and audio processing pipelines** for caption generation, transcription, and intelligent content recommendations.

Iqbal Forum

iqbalforum.org • iqbalforum.org

- **Freelance project** — a **news and magazine platform** developed for audiences in **Iran and Pakistan**, featuring a **Django backend** and a **ReactJS frontend**. Implemented dynamic content management, multilingual support, and responsive layouts to deliver a smooth reading experience across devices.

Videaneh

vidaneh.com • vidaneh.com

- **Video streaming and sharing platform** designed for seamless upload, playback, and distribution of user-generated content.Developed backend systems for **video encoding, streaming, and content management**, ensuring scalability, performance, and secure delivery.

Gardima

gardima.ir • [gardima.ir](#)

- **Comprehensive travel booking platform** built with **Go (Gin)** and **React Native**, enabling users to **purchase plane, train, and bus tickets** and **reserve hotels** through a unified interface.Developed backend services for **ticketing, payment processing, and booking management**, ensuring reliability, scalability, and smooth user experience.

Baazigooshi

baazigooshi.com • [baazigooshi.com](#)

- **B2B web-based gaming platform** developed in partnership with major clients including **Namava, Digikala, and Zarebin**.Delivered **HTML5 interactive games** and backend systems for content management, analytics, and integration within client platforms.Ensured **scalability, performance, and reliability** across multiple high-traffic enterprise deployments.

Converter API

- **Video and audio streaming platform** built with **Go (Gin)**, providing **conversion and editing capabilities** for seamless access, playback, and distribution of media content.Developed backend services for **media processing, transcoding, and API integration**, ensuring high performance and scalability.

EDUCATION

Master of Software Engineering

Islamic Azad University(North Tehran Branch) • Tehran, Tehran

Bachelor of Computer Engineering

Quchan University of Technology • Quchan, Razavi Khorasan, Iran • 2024

CERTIFICATIONS

Managerial Functions of Leadership, Finance, Marketing

Upkey • May 2021

Linux 0-Z

Quera College • 2020

SKILLS

Languages: Python, Go, JavaScript, Swift, Dart

Frameworks: Django, Django Rest Framework, FastAPI, Gin, Odoo

Technologies: Docker, Redis, Celery, PostgreSQL, MariaDB, Nginx, Kubernetes, Node.js, ReactJS, SwiftUI (iOS), Flutter, NodeJS

Tools: Git, FFmpeg, OpenAI

Soft Skills: Mentorship, Team Leadership, Curriculum Development
