Kourosh Ataei
Senior Backend Engineer

mrkatae.ir

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SUMMARY

Senior Backend Engineer with 4+ years of experience in designing and building **scalable web APIs** using **Django** and **FastAPI**. Skilled in **REST APIs**, **GraphQL**, **WebSockets**, and integrating **AI frameworks**. Proven track record in **developing high-performance backend solutions**, and collaborating with cross-functional teams, including product and AI experts. Passionate about **continuous delivery** using **Docker**, **AWS**, and **CI/CD** practices.. Notable projects include **Hamotaghi**, a **ChatGPT-powered Telegram bot**, and a **cryptocurrency trading bot**.
For more details, visit my **GitHub profile**.

PROFESSIONAL EXPERIENCE

Social security organization python developer,IT engineer
Feb 2023- Now

- I have been responsible for **backend development** in **Python**, focusing on building **scalable web services** and data-driven solutions. My expertise includes developing and optimizing web scraping tools to **gather data from websites** and extract valuable insights. I have utilized tools such as **BeautifulSoup** and **Scrapy** for efficient **data extraction** and incorporated **OWASP REST API** for enhanced security and performance. Additionally, I have extensive experience working with **MySQL** and **Oracle databases**, ensuring optimal data management and integration.

Angizeh Negar (Lagrange) Backend Developer
Jun 2022 - Dec 2022

- I **designed and developed backend systems** using **Python**, focusing on **efficiency** and **scalability**. I built robust and scalable **web APIs** with **FastAPI** and implemented **SQLAlchemy ORM** for seamless **database management**. I also utilized **Apache Airflow** to orchestrate and schedule complex **data workflows**, ensuring smooth and automated processing.

AI Trader startup (Aran Accelerator) Junior Software Engineer, Co-Founder
Jun 2021 - Feb 2022

- As a **Junior Software Engineer** and **Co-Founder** at **AI Trader** startup, I **led backend development** using Python and **Django Rest Framework**, building robust **RESTful APIs** to support business needs. I efficiently managed **data integration** using **MySQL ORM**, ensuring high performance and data consistency across platforms. Additionally, I **enhanced user experiences** through a **Telegram bot**, automating key trading features and providing real-time market insights.

Cloud GPU Startup (Aran Accelerator) R&D Developer
Dec 2020 - Jun 2021

- I configured a render farm using multi-GPUs, significantly improving performance for resource-intensive applications. Additionally, I implemented SaaS and DaaS solutions to optimize infrastructure scalability and accessibility. As a SysAdmin, I ensured the smooth operation and maintenance of systems, managing server configurations and ensuring uptime.

Part software Swift Developer Intern
Jul 2020 - Oct 2020

- Developed **iOS** applications using **Swift** and **Objective-C**.Utilized **Xcode** as the primary development environment.

EDUCATION

Ferdowsi university of Mashhad
Sep 2025 –Now

- Master's in Artificial Intelligence

- Bachelor of Computer Engineering
Sep 2016 - Sep 2021
- GPA 15.56/20 (3.31 GPA) - Last 2 years GPA is 16.59 (3.52 GPA)

SELECTED PROJECTS

Hamotaghi
Nov 2022 - Present

is an **AI-powered web application** built with **Django** to help users find compatible roommates based on personal characteristics, preferences, and budget. The platform uses **AI-driven matching algorithms** to suggest the best roommate options. I integrated **WebSockets** for **real-time notifications** and **in-app chat**, allowing users to communicate instantly. The frontend is styled with **Tailwind** CSS, ensuring a responsive and modern user interface. The backend is optimized for scalability, supporting large datasets and ensuring a seamless user experience. More details can be found at **hamotaghi.com.**

Cryptocurrency signal telegram bot
Dec. 2021 – Present

A smart **trading assistant** designed to deliver various trading strategies and **automate**d trading systems to users with active subscription plans. Built using **SQLAlchemy** and the **Telegram API**, the bot provides **real-time** market signals, strategy recommendations, and automated trade execution, helping users make informed investment decisions with ease and efficiency.

ChatGPT Telegram bot
March 2023 – Present

AI-Powered Chatbot is a versatile assistant built using the **OpenAI API**, designed to enhance user interactions through **GPT-based chat**. It includes features like **real-time conversation, OCR** for text recognition from images, **voice-to-text** for transcribing audio, and **translation**. The bot supports **in-app purchases**, enabling users to unlock premium features. Seamlessly integrated with **Telegram**, it offers users a responsive and intelligent chatbot experience. The backend is optimized for performance, scalability, and efficient handling of real-time interactions.

Check for more...(https://github.com/mrkataei?tab=repositories)

LANGUAGES

- English
- Turkey
- Persian

SKILLS

- Backend: Python, Django, FastAPI, REST APIs, WebSockets, GraphQL
- Databases:PostgreSQL, MySQL, MongoDB, Redis
- CI/CD: GitHub Actions, Docker, PyTest
- Testing: Automated testing with PyTest
- Cloud: AWS, Docker
- Version Control: Git, Git workflows
- Design: SOLID principles, OOP, MVC, TDD

REFERENCES

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