

Kourosh Ataei

Software Engineer

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SUMMARY

I am a skilled **backend** developer with a Bachelor's degree in **Computer Engineering** from **Ferdowsi University of Mashhad**. Proficient in **Python, Django**, and **data analysis**, I excel in **problem-solving** and quickly adapting to new technologies. With strong experience in **teamwork** and **leadership**, I have built scalable web **APIs** and managed complex IT infrastructures effectively. My ability to **prioritize** tasks and **optimize** workflows ensures efficient project execution. Notable projects include **Hamotaghi**, a **ChatGPT-powered Telegram bot**, and a **cryptocurrency trading bot**. I am committed to developing reliable, high-performance backend solutions. For more details, visit my **GitHub profile**.

PROFESSIONAL EXPERIENCE

Social security organization Data specialist

Feb 2023– Now

- As a **Data Specialist** at the Social Security Organization, I manage, **analyze**, and interpret **large datasets** to support decision-making and improve operational efficiency. I ensure data **accuracy, integrity**, and **security** while adhering to regulatory standards. My role involves **developing reports** and **dashboards**, **optimizing data processes**, and collaborating with various teams to enhance workflow efficiency. Additionally, I assist in **data migration, cleansing**, and validation for system upgrades, while providing technical support to resolve data-related issues in a timely manner.

Angizeh Negar (Lagrange) Backend Developer

Jun 2022 – Dec 2022

- I designed and **developed backend systems** using **Python**, ensuring efficiency and scalability. I built robust web APIs with **FastAPI**, implemented **SQLAlchemy ORM** for seamless database management, and utilized **Apache Airflow** to orchestrate and schedule data workflows. Additionally, I conducted **data mining** activities to extract valuable insights from **large datasets**, contributing to data-driven decision-making and process optimization.

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**, crafting **RESTful APIs**. Efficiently managing data with **MySQL ORM**, I enhanced user experiences through a **Telegram bot**. Serving as **SysAdmin**, I ensured seamless system operations. Moreover, I collaborated with cross-functional teams, coordinating development processes, defining requirements, and managing project timelines, contributing to successful product launches.

Cloud GPU Startup (Aran Accelerator) R&D Developer

Dec 2020 – Jun 2021

- Configured **render farm** with **multi-GPUs** for improved performance. Implemented **SaaS** and **DaaS**. Served as a **SysAdmin**, ensuring smooth operation and maintenance of systems. Worked with **PostgreSQL** for efficient data management.

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 2016 – Sep 2021

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

SELECTED PROJECTS

ChatGPT Telegram bot

March 2023 – Present

A versatile AI-powered assistant that leverages the **OpenAI API** to enhance user interactions with GPT-based chat. The bot offers features such as **real-time conversation**, **transcription**, and **translation**, making AI-driven communication more accessible and efficient. Designed for seamless integration within **Telegram**, it provides users with a responsive and intelligent chatbot experience.

Cryptocurrency signal telegram bot

Dec. 2021 – Present

A smart **trading assistant** designed to deliver various trading strategies and **automated** 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.

Hamotaghi

Nov 2022 – Present

A web application designed to help users find **compatible roommates** based on **AI-driven** matching, personal characteristics, and budget preferences. Built with **Django**, the platform streamlines the roommate search process by **analyzing** user profiles and preferences to suggest the best matches. By catering to individuals seeking shared housing within their desired budget, Hamotaghi enhances the roommate-finding experience with **intelligent recommendations** and a **user-friendly interface**.

More details can be found at hamotaghi.com.

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

SKILLS

- Python, Django
- Fast API, DRF, Flask
- Git, Docker, Linux LPIC1
- SOLID, PEP8, OOP, MVC, TDD, Design Patterns
- PostgreSQL, MySQL, Redis, ORM
- Html, Css, Javascript

REFERENCES

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