

Kourosh Ataei

Software Engineer



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Alongside coding, I enjoy immersing myself in music, playing guitar and hitting the gym. As a self-taught developer, I have encountered and overcome numerous obstacles on my journey. I thrive on challenges and have an unyielding determination to push past any roadblocks in my path. For me, the essence of a challenge lies in finding the best solution. Whether it's tackling complicated code or navigating uncharted territory, I'm always ready to take on the next adventure with gusto. So bring on spaghetti code - I'll happily take it on turn it into something extraordinary!

Experience

Social security organization IT engineer

Feb 2023- Now

- System Administration: Managing and maintaining computer systems, networks, servers, and software applications.
- Troubleshooting and Technical Support: Identifying and resolving hardware and software issues, providing technical assistance to end-users.
- Network Infrastructure: Designing, implementing, and maintaining network infrastructure, including routers, switches, firewalls, and VPNs.
- Security Management: Implementing security measures to protect computer systems, networks, and data from unauthorized access, viruses, and other threats.

Angizeh Negar (Lagrange) Backend Developer

Jun 2022 - Dec 2022

- Developed the backend using Python, utilizing the following Technologies: FastAPI for building efficient and scalable web APIs, SQLAlchemy ORM for managing and interacting with relational databases, Airflow for orchestrating and scheduling data workflow, Conducted data mining activities to extract valuable insights and patterns from large datasets.

AI Trader startup (Aran Accelerator) Junior Software Engineer, Co-Founder

Jun 2021 - Feb 2022

- Developed backend using Python, Utilized Django Rest Framework (DRF) for building RESTful APIs.
- Employed Object-Relational Mapping (ORM) with MySQL for efficient data management.
- Created a Telegram bot to enhance front-end functionalities.
- Served as a SysAdmin, ensuring smooth operation and maintenance of systems.
- Assumed the role of Product Manager, overseeing the following: Coordinated product development processes and collaborated with cross-functional teams. Defined product requirements, prioritized tasks, and managed project timelines.

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.

Selected Projects

ChatGPT Telegram bot

March 2023 – Present

- Development of a Telegram bot that uses OpenAI API to facilitate users' use of GPT chat. This bot provides facilities such as transcription and translation and chatbot.

Cryptocurrency bot

Dec. 2021 – Present

- Development of a Telegram bot to provide several types of strategies and automatic trading systems for customers with purchase plans.
- Based on SQLAlchemy and Telegram API.

Optimization on TF-IDF recommender system

Fall 2020

- Basics of information retrieval and websearch, Prof.F.Ensan, FUM.
- Implemented an optimization on classical TF-IDF algorithm and proposed adaptive weight of position of word algorithm based on TF-IDF.

Charity

Fall 2019

- Principles of Database Design, Prof.B.behkamal, FUM.
- Implementation of a free food distribution web application for charities and restaurants based on PHP and MySQL.

Roommie

Nov 2022 - Present

- A web application for finding roommates. Based on the Django Rest Framework and React. This program caters to the needs of those looking for a roommate within their desired budget.

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

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)

Skills

- Python
- Django
- Fast API, DRF, Flask
- Java, JavaFX, Java EE
- React.js , Next.js

- Git, Docker
- SOLID, PEP8, OOP, MVC, TDD, Design Patterns
- PostgreSQL, MySQL, Redis, ORM
- Linux LPIC1
- Html, Css, Javascript

Key Skills

- Problem Solving
- Excellent time management, leadership
- Outstanding experience in teamwork

- Strong ability to learn new skills quickly
- Strong organizational and multi-tasking skills
- Able to prioritize and organize busy workloads

References

Dr.saeid Abrishami

Associate Professor

Departement of Computer Engineering

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Professor of Artificial Intelligence

Dr. Behshid Behkamal

Assistant Professor

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Professor of Data Mining

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Colleague

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