

Ashkan Golehpour

Python Engineer & Data Engineer Enthusiast

Mobile: +989912140491

Email: ashkangoleh@gmail.com

LinkedIn: <https://www.linkedin.com/in/ashkan-goleh-pour-0463b8127/>

GitHub: <https://github.com/ashkangoleh>

GitLab: <https://gitlab.com/ashkangoleh>

Medium: <https://medium.com/@ashkangoleh>

Portfolio: <https://www.devsteam.ir/ashkan>

SKILLS

• Python 3.x • FastApi • Django • ApacheAirflow • Apache Kafka • Redis • ETL/ELT • BigData • Postgresql
• MongoDB • SQL • Grafana • Prometheus • Docker • Hasura • Teamworks. • Scrum • Miro • ClickUp • CI/CD

Familiar with:

• Python APIs such as (Pandas, Scikit-learn, and Beautifulsoup)
• Kubernetes • LoadBalancers • Terraform • Hadoop(Yarn,MR) • Nodejs(JS, TS) • Shell Scripting • OpenAI • Azure
OpenAI • LangChain • PowerBI • MetaBase • Elasticsearch

EXPERIENCE

Senior Python Developer & Data Engineer

Bit24: July 2023 - present | Tehran (remote, Full-time)

- *Collaborating with cross-functional teams to design, develop, and maintain Python-based software solutions.*
- *Leading and contributing to the development of web applications using Python frameworks like FastAPI and Django.*
- *Implementing data pipelines and ETL/ELT processes using Apache Airflow for efficient data integration.*
- *Designing and optimizing databases, with a focus on Postgresql.*
- *Crafting efficient SQL queries for data retrieval and manipulation.*
- *Implementing monitoring and visualization using tools like Grafana and Prometheus.*
- *Containerizing applications and services using Docker for streamlined deployment and scalability.*
- *Integrating and utilizing Metabase for data visualization and analytics, enhancing reporting capabilities and insights.*
- *authenticator applications like Google Authenticator and Microsoft Authenticator, to ensure data platform security and user management.*

Senior Python Developer & Data Engineer

NeverStopMedia (Boof.ai): Jan 2024 - present | Dubai (remote, Part-time)

- *Collaborating remotely on a part-time basis with Boof.ai, focusing on data engineering tasks.*
- *Working with PostgreSQL for database management and optimization.*

- *Implementing ELT processes for efficient data integration and transformation.*
- *Utilizing Celery for task queuing and job scheduling.*
- *Configuring and managing Elasticsearch for data indexing and search capabilities.*
- *Integrating Kafka for real-time data streaming and processing.*
- *Managing CI/CD pipelines for automated deployment.*
- *Configuring and managing load balancers (Traefik) for improved scalability and reliability.*
- *Developing APIs using FastAPI for efficient and scalable web services.*

Senior Python Developer

Edgecom: July 2023 - Feb 2024 | Canada (remote, Part-time)

- *Responsible for refactoring legacy code and implementing new features in the company's systems.*
- *Utilizing technologies such as Grpc, pandas, and polars to enhance the existing codebase.*
- *Applying Object-Oriented Programming (OOP) principles to ensure code maintainability and readability.*
- *Contributing to a more efficient and cleaner codebase, aligning with industry best practices.*

Senior Python & Software Engineer

Digid: May 2023 - July 2023 | Canada (remote, Contract) (*Recommendation's letter exists.)

- Collaborated with ToRivers on the development of the ToRivers Dashboard for SMEs, contributing to a 20% increase in user engagement.
- Engineered ChatGPT 4 plugins, enhancing AI capabilities within the ToRivers platform, resulting in a 15% reduction in user support requests.
- Integrated OpenAI and Azure OpenAI with the ToRivers platform, leading to a 25% improvement in decision-making efficiency through AI-powered assistants.
- Improved system prompt and prompt engineering, contributing to a 30% enhancement in dashboard features' performance.
- Integrated OpenAI with Twilio panel and social networks like Twitter, resulting in a 40% increase in AI-powered communication capabilities.

Senior Python Engineer & Data Engineer

ArzDigital: August 2021 – May 2023 | Iran - Tehran (On-site, full-time)

"ArzDigital - Analysis, review, and news on the digital currency market."

- Designed and engineered an automated comment validation system utilizing Scikit-learn and FastAPI, along with supporting technologies such as Docker, FS handling, Celery, Redis, and Joblib, achieving an 80% reduction in manual validation efforts.
- Overcame the challenge of training a large dataset of over 3 million rows, allocating over 50GB of memory, by employing techniques to reduce memory usage to 2GB, saving 90% of memory resources.
- Enhanced comment management and achieved a fast response time for approving or rejecting user comments, with the model demonstrating an impressive 77-86% accuracy in categorizing

comments, resulting in a 50% improvement in comment moderation efficiency.

ATA Trading Assistant : (Same company, ***“Atlas Trading Assistant”***)

- Conducted object-oriented design and class-based unit tests for trading strategies on the platform, utilizing multi-threading, multiprocessing, and Asyncio for managing IO and CPU concurrency, achieving a 60% reduction in strategy validation time.
- Integrated Apache Kafka (including consumer and producer design, consumer, topic, producer, and broker configuration) for 2 processing streams and events, improving event handling and processing speed by 70%.

Python Developer

NextPay: August 2019– December 2020 | Iran -Alborz (full-time)

- Refactored old codes as a Django and Python developer, resulting in 50% more efficient codes and performance.
- Overhauled old scripts based on Python 2.7 or below to version 3.0, led to 60% newer codes and better performance, and managed to overcome challenges by taking codes into several parts.

EDUCATION

Bachelor's Degree in Software Engineering

The Azad Islamic University

January 2014 – July 2018

LANGUAGES

English (Upper intermediate) - Persian (Native)

Social Communities

Active participant in Python and Data Engineering communities on Discord and Slack.

Discord: [Code Community](#)

Position: Staff/Helper

Slack: [DataTalks.Club](#)

Position: Contributor