

SEYED MOHAMMADREZA HASHEMI

D.O.B: 01/03/2002

Nationality: Iran

Python Backend Engineer

☎ 09923454312 ✉ mrmrprogrammer@gmail.com

Tehran, Iran

SUMMARY

Backend **Python** Engineer with **4 years** of experience building scalable APIs and backend systems using **FastAPI** and **Django**. Experienced in backend architecture design, RESTful APIs, SQL and NoSQL databases, authentication systems, asynchronous processing, data pipelines, and AI-powered applications. Focused on building reliable, maintainable, and high-performance production systems.

EMPLOYMENT HISTORY

Backend Python Developer — [Bijak](#) (Logistics Platform)

October 2024 – Present

Tehran, Iran

- Architected and developed the backend platform from the ground up using **FastAPI** and **Django** for an intercity logistics and shipment management system.
- Designed, developed, and documented **RESTful APIs** serving multiple frontend clients and business workflows.
- Implemented secure authentication and authorization using **JWT**, API Keys, and **role-based access control (RBAC)**.
- Developed operational workflows using **Django Admin** for managing logistics operations and order processes.
- Designed and optimized SQL and NoSQL data models for order management and shipment tracking.
- Implemented asynchronous processing, background tasks, caching strategies, and database query optimization to improve API performance and scalability.
- Built structured logging and monitoring solutions to track system events, troubleshoot issues, and improve service reliability.
- Collaborated with frontend and product teams to ensure smooth integration and scalable service delivery.

Backend Python Developer & Data Engineer — [IranSamaneh](#)

March 2025 – March 2026

Tehran, Iran

- Developed and maintained high-performance asynchronous backend services and RESTful APIs using **FastAPI** to support AI-driven applications and data-intensive workflows.
- Implemented secure authentication and authorization systems using **JWT** and API Key-based access control.
- Designed, optimized, and managed **SQL** and **NoSQL** databases, including **MySQL** and **MongoDB**, with a focus on data modeling and query optimization.
- Built scalable backend services supporting **machine learning pipelines** and data processing workflows.
- Developed automated data management and retrieval workflows to improve operational efficiency and system reliability.
- Implemented structured logging, exception handling, and monitoring mechanisms to enhance backend stability and troubleshooting.
- Collaborated with AI and data teams to integrate machine learning models, data pipelines, and backend infrastructure into production environments.

- Collected, extracted, and processed **millions of data records** from diverse online sources using Python-based web crawlers and data extraction pipelines.
- Developed and deployed **RESTful APIs** using **FastAPI** and **Django** for data-driven applications and internal services.
- Implemented secure authentication and authorization mechanisms using **JWT**.
- Designed and maintained scalable **MySQL** and **MongoDB** data storage solutions.
- Built and maintained data pipelines for ingestion, transformation, storage, and retrieval of large datasets.
- Containerized backend services and data processing workflows using **Docker** for consistent deployment.
- Collaborated with AI and machine learning teams to provide clean, structured, and accessible datasets for model training.
- Optimized backend performance and data processing workflows for faster data access and reliable API responses.

- Developed Python-based web crawlers using **BeautifulSoup**, **Requests**, and **Selenium** to collect and extract structured data.
- Processed, cleaned, and stored collected datasets using Python-based workflows and database integrations.
- Built and maintained backend modules and internal business applications using **Django**.
- Implemented automated **ETL** scripts for data extraction, transformation, and loading.
- Built frontend components using HTML, CSS, Bootstrap, and JavaScript when required for internal applications.

EDUCATION

TECHNICAL SKILLS

Languages: Python, SQL, Bash	Backend: FastAPI, Django, RESTful APIs, Async Programming
Databases: PostgreSQL, MySQL, MongoDB, Redis, SQLAlchemy	Data Engineering: ETL, Data Pipelines, Web Scraping, Data Processing
DevOps: Docker, Linux, Git, Nginx, CI/CD	Distributed: Celery, Background Tasks, Caching
Data & Search: Apache Kafka, Apache Airflow, Elasticsearch, Kibana	Security: JWT, API Keys, RBAC, Authentication & Authorization
Engineering: Database Design, Query Optimization, Logging & Monitoring	Tools: Postman, Swagger/OpenAPI, Locust, GitHub