



## Erfan Rezaee

### Back-End Software Engineer



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rezaee-erfan



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## Skills

- Language: **Python**
- Web Frameworks: **FastAPI, Django**
- Databases: **PostgreSQL (PostGIS), MongoDB (Aggregation), Redis**
- Architectural Patterns: **Microservices, Monolithic**
- Authentication and Authorization: **JWT, OAuth2**
- Object Storage: **Minio**
- Containerization: **Docker**
- Message Brokers: **RabbitMQ**
- Task Queues: **Celery**
- Web Scraping: **Selenium, BeautifulSoup**
- Testing: **pytest, unittest, MongoMock**
- Version Control: **Git**

## Education

### Bachelor of Software Engineering

- Azad university
- Rey, Tehran, Iran
- 2021 - Present

## Overview

Experienced **Python Software Engineer** specializing in back-end development. Skilled at creating **scalable systems** for **over 4 years**. Expert in designing reliable solutions for **complex business needs**.

## Work Experience

### Back-End Software Engineer

#### Aasood - Rakiano

November 2021 - July 2025

- **Real-Time Chat:** Engineered **WebSocket**-based live chat for instant customer assistance.
- **Smart Restocking:** Engineered a system to predict restocking needs based on sales data.
- **File Management System:** Developed a versatile system for image and file handling, integrating **FastAPI** and **MinIO** for storage.
- **Custom Attribute Service:** Developed a flexible attribute management system for handling diverse data attributes across services.
- **Location Services:** Utilized **PostGIS** for accurate location-based features like finding nearby facilities and detecting user's current city.
- **Multilingual Support:** Enabled multi-language functionality using **Redis**.
- **Seamless Message Broker:** Integrated **RabbitMQ** for smooth communication across projects, improving coordination and efficiency.
- **Secure Authentication:** Implemented robust **API-level** authentication and authorization.
- **Advanced Data Processing:** Leveraged **MongoDB aggregations** for complex data manipulation, enhancing analytical capabilities.
- **Telegram Bot:** Created a bot for managing the company's Telegram channel and providing website data.
- **Cross-Website Integration:** Managed three websites on a single platform for streamlined operations.