


Erfan Azari

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Summary

Passionate Backend Developer with a strong focus on Python and Django. Experienced in designing and developing scalable and efficient backend systems, integrating third-party APIs, and optimizing performance. Strong skills in real-time data processing, database management, and building secure, production-ready applications. Always eager to learn and apply new technologies.

Technical Skills

- **Backend** Python, Django, Django REST Framework, FastAPI, Flask
- **Database** PostgreSQL, MongoDB, Redis
- **DevOps/Tools** Docker, Git
- **Other** Linux, RESTful APIs, WebSockets, JWT Authentication, Celery
- **Basic Frontend** HTML, CSS, JavaScript

Education

Amirkabir University of Technology (Tehran Polytechnique)

2019 - 2025

BS in Computer Engineering

GPA: 15 / 20

Experience

Fanavaran Sharif *Iot Engineer/Backend developer(Intern)*

Jun 2023 - Oct 2023

Fanavaran Sharif is a leading company in industrial automation, process optimization, and intelligent systems. I worked with a team of engineers to build scalable backend systems for IoT projects. Here are some of the things I did:

- Designed and implemented an MQTT client in Python to handle real-time data streaming from IoT sensors and integrate with backend systems.
- Developed and deployed a data processing pipeline using async Python and Redis for real-time event-driven operations.
- Collaborated with a team of 4 to integrate sensor data into an existing Django REST API for data management and flutter app for reporting.

Selected Projects

E-learning platform

[link](#) 

A modern, scalable, and extensible web-based e-learning platform built with Django and Django REST Framework.

- Real-time chat using Django Channels + Redis.
- Course creation, enrollment, and progress tracking.
- Modular Django apps (courses, students, chat).
- Full Dockerized setup with Nginx, PostgreSQL, Redis.
- ASGI + Daphne for async support.

Online Shop Project

[link](#) 

The Online Shop Project is a Django-based web application for an e-commerce platform. It provides the core functionalities required to manage an online shop, including cart management, order processing, payment integration, and coupon handling.

- **User Authentication:** Supports basic user login and registration.
- **Shopping Cart:** Add, remove, and update products in the cart.
- **Order Management:** Create, process, and view orders.

- Payment Integration: Secure payment gateway for transaction processing.
- Admin Dashboard: Admin interface to manage products, orders, and payments.

BlogAPI

[link](#) 

BlogAPI is a simple, Django-based API designed to manage blog posts. It provides standard CRUD (Create, Read, Update, Delete) functionality for blog posts, with basic user authentication support.

- Posts Management: Create, read, update, and delete blog posts.
- User Authentication: Manage user registrations and logins.
- API Endpoints: Accessible endpoints for interacting with blog posts.

mini chat app

[link](#) 

A mini chat application built using Node.js, Express, and Socket.io that allows users to send and receive messages between different users and stores message data in a file.

Languages

- **Farsi** native
- **English** Full Proficiency