Sadegh Sharbaf

Backend Web Developer

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PROFESSIONAL SUMMARY

Backend developer specializing in Python, Django, and Django REST Framework, with hands-on experience designing and developing RESTful APIs. Experienced in authentication, user and access management, data modeling, and Django-based application development. Familiar with PostgreSQL, Git, Redis, Celery, Django Channels, and real-time communication concepts. Motivated by continuous learning, problem-solving, high-quality software, and collaborative teamwork.

TECHNICAL SKILLS

Backend: Python, Django, Django REST Framework (DRF), FastAPI (basic/project experience), C#
API & Web: RESTful API design, HTTP & web fundamentals, Postman, WebSocket, Django Channels
Data & Async: PostgreSQL, SQLite, Redis, Celery, data modeling
Engineering: Git, GitHub/GitLab, CI/CD concepts, OOP, Clean Code, SOLID, DRY, Data Structures & Algorithms

EDUCATION

B.Sc. in Computer Engineering
Oct 2024 - Present

Islamic Azad University, Isfahan (Khorasgan) Branch | Isfahan, Iran
Focus: Web Programming | GPA: 18.63/20

PROFESSIONAL EXPERIENCE

Senior Backend Developer / Software Designer
Jun 2026 - Present

ZeroTeam | Isfahan, Iran

- Design and develop backend systems with Django and Django REST Framework for web applications, mobile applications, and messaging bots (Telegram and Bale).
- Build scalable, documented, and secure RESTful APIs for integration across frontend clients, mobile apps, and messaging bots.
- Implement asynchronous and background tasks with Celery and Redis for email delivery, data processing, and report generation.
- Integrate third-party services including SendGrid, payment gateways, and external APIs.
- Use Git with GitHub/GitLab for team collaboration and software delivery workflows, including CI/CD practices.
- Apply Clean Code, SOLID, and DRY principles and organize projects for maintainability and future development.

Backend Developer (Mentor-Guided & Personal Projects)
Nov 2024 - Present

Independent / ZeroTeam collaboration | Isfahan, Iran

- Led backend work for ZeroTeam and completed more than 10 personal and educational projects using Django, Django REST Framework, and RESTful API architecture.
- Developed authentication, user management, role-based access control, and custom permission modules across multiple projects.
- Designed CRUD systems, database models, and business logic for applications such as library lending, warehouse management, and movie management systems.
- Implemented and tested APIs with Postman, troubleshooting issues during development and service integration.
- Used Git for version control and collaborative software development.
- Implemented background tasks with Redis and Celery and used PostgreSQL as the database for Django projects.
- Integrated external services such as SendGrid for email delivery and explored real-time capabilities with WebSocket and Django Channels.
- Followed OOP and Clean Code principles and gained introductory hands-on experience with FastAPI through a practice project.

Technical / Production Associate
Oct 2019 - Jul 2026

Digital Alarm Co. | Isfahan, Iran

- Assembled electronic circuit boards for security alarm systems with a high level of accuracy.
- Worked with soldering, testing, and component quality-control tools and processes.
- Analyzed project performance data and proposed optimization improvements that reduced costs by 10%.
- Collaborated with the production team to help ensure reliable circuit operation and developed familiarity with security systems and digital circuits.

SELECTED PROJECTS

Library Lending Management System | Django Dec 2024

Personal Project

- Developed a web application for managing books, users, borrowing, and returns.
- Implemented authentication and user access management using a custom user model.
- Developed custom middleware to restrict user access to different parts of the system.
- Implemented book-lending logic and availability-status checks.
- Used Celery for scheduled tasks and overdue-return email notifications.
- Designed data models and relationships among users, books, and lending records.
- Used Django class-based views and built-in framework features to improve maintainability.

Repository: github.com/SadeghSharbaf/Library

Warehouse Management System | Django REST Framework Apr 2025

Personal Project

- Designed and developed RESTful APIs for products, purchases, and warehouse inventory using Django REST Framework.
- Implemented goods receipt and issue operations with automatic inventory updates.
- Developed stock-control logic and validation to prevent issuing quantities greater than available inventory.
- Implemented inventory-change history and user activity audit logs.
- Designed data models and relationships among products, purchases, inventory, and warehouse transactions.
- Used ViewSets, generic views, and custom serializers for API development.
- Implemented data filtering and access management for authenticated users.
- Tested and validated APIs using Postman.

Repository: github.com/SadeghSharbaf/warehouse

Custom Attendance Management System May 2026

ZeroTeam

- Designed and implemented a secure backend system for recording, managing, and reporting employee attendance for organizations.
- Built APIs designed to connect with mobile applications, web-based admin panels, and messaging bots as an alternative to manual or card-based attendance processes.

Windows Accounting Management Application Jan 2025

University Project

- Developed a university project for accounting and cost-management workflows on Windows.

Repository: github.com/SadeghSharbaf/Cost_management

CERTIFICATIONS & LANGUAGES

Python Programming Skill Certificate Sep 2024

Quera

Credential: Quera certificate

Backend Web Application Design & Development Certificate 2024

Certificate listed in original resume

Languages: English - B2 (CEFR) | German - A1 (CEFR)

SOFT SKILLS & INTERESTS

Soft skills: Fast learning and self-directed study; time management and responsibility; teamwork and collaboration; attention to detail; problem-solving; adaptability; active listening; creativity and idea generation; openness to feedback; confidence and perseverance; interpersonal influence.

Interests: Mathematics, programming algorithms, music, philosophy.

Additional details: Date of birth: 25 Jan 2001 | Marital status: Single | Military service: Completed