



Salar Mirmohammadi

Backend Developer · Python & Django

Production systems for real users · BME student in Budapest

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PROFILE

Backend developer in Python and Django. I built and maintained a **school management platform of roughly 26,000 lines, still running in production** — student records, payroll, tuition accounting and NFC attendance. I care about the parts that are easy to get quietly wrong: concurrent writes, money that must never drift, records that stay correct years later. Now at BME in Budapest, seeking part-time or working-student backend work.

EXPERIENCE

Backend Developer

Sep 2025 – Sep 2026

Contract · Private K–12 school · Sari, Iran · github.com/salaringit/student-portal

- **Sole developer** of a Django school management platform still in production — 11 apps, ~26,000 lines of Python.
- Delivered student records, staff workflows with **rule-based payroll**, and tuition accounting with cheques, discounts, refunds and Excel reporting.
- Built a **real-time messenger** on Django Channels and WebSockets: chats, groups and channels, reactions, polls, read receipts and voice notes.
- Integrated **NFC attendance terminals** as write-only, device-authenticated endpoints, so a compromised reader could not read student data back out.
- Scoped financial and academic records to an academic year resolved per request, keeping historical reporting correct across years.

Python Developer

Dec 2025 – Apr 2026

Freelance

- Built a full **e-commerce site**: catalogue with size and colour variants, cart, discount codes and order management.
- Wrote internal **automation tools** replacing manual reporting, working with clients from requirements through handover.

SELECTED PROJECTS

Shop API github.com/salaringit/django-shop-api

E-commerce backend in DRF. Product variants, server-side cart and coupons, and a transactional checkout that locks stock rows so it cannot oversell. 27 tests, documented with OpenAPI.

Poolist github.com/salaringit/poolist

Household management in Django — shared multi-currency wallets, budgets and recurring bills, home inventory with price history, chores on a cycle. Bilingual, Jalali and Gregorian. ~7,500 lines.

Realtime Chat github.com/salaringit/django-realtime-chat

Messaging over Django Channels and WebSockets — replies, reactions, polls, read receipts, voice notes and scheduled messages. Extracted from the platform above, rebuilt standalone.

EDUCATION

Budapest University of Technology and Economics (BME)

Sep 2026 – Present

Preliminary Programme — preparation for BSc in Computer Science

SKILLS

Languages Python, SQL, JavaScript, HTML/CSS

Frameworks Django, Django REST Framework, Django Channels

Data PostgreSQL, MySQL, SQLite, Redis

Practices REST API design, WebSockets, transactions and row locking, automated testing, OpenAPI

Tools Git, Docker, Linux, Nginx

LANGUAGES

Persian Native · English Full professional proficiency · Hungarian Beginner, currently learning