Mohammad Foroutan

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EDUCATION

Shamsipour Technical and Vocational College | Tehran, Iran   Jan. 2024 - Jan. 2026
B.S. in Information Technology

Shamsipour Technical and Vocational College | Tehran, Iran   Jan. 2021 - Jan. 2024
Associates in Software Engineering

TECHNICAL SKILLS

Languages (ordered by proficiency): Python, JavaScript, TypeScript, SQL
Tools and Frameworks: Django, Django REST framework (DRF), FastAPI, Docker, Git, React, Nextjs, Tailwindcss

RELEVANT EXPERIENCE

Prago | Tehran   Nov. 2024 – May 2025
Full Stack Developer
- RESTful API backend (Django, DRF)
- 8 apps, 24 models, 2 major entities
- Full website with multiple static and dynamic pages (+10 pages)
- Async periodic scheduled tasks for accounting, notifications (Celery and Redis)
- Course enrollment and User progress tracking
- Ticketing System (Multiple attachments support)
- Fully developed subscription system
- Nextauth integration with backend to handle different methods of authentication (OTP, Oauth, etc.)
- Multi-Role access to manage blogs, courses, subscription plans, orders, transactions, tickets, etc.
- Nginx and Docker compose for deployment with PostgreSQL

CS50xIran | Tehran   Nov. 2021 – Jan. 2026
Full Stack Developer – Tech Lead
- Interned at CS50xIran, contributing to core platform features including course and user management (Django)
- Built an application integrating external payment and registration systems to streamline enrollment (Evand, IranHLS, Aparat, Snapppay!, Arvancloud VOD, etc.)
- Configured and deployed production environments using Nginx and Docker and Gunicorn
- Refactored legacy template-based codebase, adding multiple apps, models, and views to support a growing community
- Initiated a Next.js app, laying the groundwork for migration to an API-based architecture
- Wrote Python scripts for bulk operations and integrated them into the admin panel for administrator use
- Multi Service Docker Compose (MySQL with Nginx, Redis, Celery, etc.)

(Confidential T*ender Management System*) | Tehran   Sep. 2025 – Feb. 2026
Full Stack Developer
- *Built a new contractor panel for a major ICT enterprise*
- *Full stack feature-driven architecture nextjs app*
- *Oracle Database (Views, Procedures, Packages usage) via Knex and Oracledb lib.*
- *Over 40 tables, views, over 10 Packages and Procedures*

- *Leveraged AI tools (Copilot) to accelerate development and generate documentation*

PROJECTS

KABK ACADEMY | *Personal Project*   **Sep. 2025 – Jan. 2026**
- Commercial learning platform for Bachelor's thesis
- Fully documented process from research to implementation phase
- Users buy subscriptions or courses directly and then enroll in the purchased course (includes roadmaps and blogs as well)
- Django, DRF Backend
- TypeScript, Nextjs Frontend using Shadcn
- SEO optimized
- Multi-Role (Teachers, Organizers, Authors, Admins, Users)

LEADERSHIP EXPERIENCE

CS50xIran | Tehran   **Nov. 2021 - Jan. 2026**
Tech Lead
- Led small teams to design and implement course and campaign landing pages, enhancing engagement and accessibility
- Maintained codebase for 4+ years serving 20,000+ students
- Onboarded and supported new tech team members
- Collaborated cross-functionally to deliver team goals
- Contributed to platform direction and strategic decision-making