CURRICULUM VITAE

Hossein Sadeghi



Full-Stack Software Developer | Python / Django

Tehran, Iran · Open to relocation to Germany
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Full-stack developer with a backend focus and experience since 2014 in production software, REST APIs, databases, Linux deployment, AI automation and software quality assurance.

Professional experience

06/2014 – present

Full-Stack Software Developer | Independent / Freelance

Tehran, Iran · Project-based work alongside selected employment roles.

2026 – present

NKTO – Education & exam preparation platform

nkto.ir

- Sole developer: architecture, backend, frontend; live in production with ongoing development. Python, Django, Django REST Framework, HTML, CSS, JavaScript and Bootstrap.
- Course sales, consultation requests and questionnaires routed to consultants; ZarinPal payment gateway integration.
- Custom ticketing, in-app notifications and SMS/Telegram admin alerts; SEO-optimized articles and SMS-based two-step authentication.

2025 – present

Araz Medical Clinic – Order & customer management

arashm.ir

- Designed and built a full-stack system for orthopedic clinic orders, customer management and workflows; live in production and continuously developed.
- Python, Django, DRF, PostgreSQL; Linux deployment and maintenance with Nginx and Gunicorn.

Other projects: RF Media Downloader (open source; Django, Redis, Celery, yt-dlp), online stores, social media bots, automation tools and currency voucher/cryptocurrency projects.

12/2021 – 04/2025

Technical Specialist – Customer & Employee Relations

Setak Hooshmand Sharif · Tehran, Iran

- End-user support, issue tracking, bug documentation, pre-release testing and post-release monitoring with product and development teams.
- Designed, deployed and maintained an AI chatbot; automated workflows and evaluated user satisfaction after three months.
- Reported results: approximately 3× faster product development and a 70% improvement in customer satisfaction.

06/2014 – 10/2018

Database & Hospital IT Systems Specialist (HIS)

Tarah Dadeh Pishro · Tehran | Assigned to Yas Sepid Hospital

- SQL queries and Microsoft SQL Server administration; hospital data analysis, management reporting and HIS troubleshooting.
- Network, server, firewall and passive infrastructure support; cybersecurity, technical user support and medical device/PACS integrations.

Hossein Sadeghi

Curriculum Vitae

Education

09/2018 – 02/2021	**Bachelor's degree, Computer Software Technology Engineering** Islamic Azad University, North Tehran Branch
09/2011 – 06/2014	**Associate degree, Computer Software** Islamic Azad University, East Tehran Branch
09/2005 – 06/2011	**High school diploma, Computer Programming** Iranian Vocational School, Tehran

Technical skills

Languages	Python, Java, JavaScript, SQL
Backend	Django, DRF, FastAPI, Flask, Spring Boot, SQLAlchemy, Django ORM, REST, JWT/OAuth2, async programming, WebSocket, Swagger/OpenAPI
Frontend	HTML, CSS, Bootstrap, Tailwind CSS, Material UI, jQuery, responsive design
Databases	PostgreSQL, SQL Server, MySQL, SQLite, MongoDB, Redis; design and optimization
DevOps / tools	Linux, Ubuntu, Windows Server, Docker/Compose, Nginx, Gunicorn, systemd, Git/GitHub, GitHub Actions, Bash, SSL/HTTPS, Cloudflare, Celery, Postman
AI / data	OpenAI API, RAG, AI agents, n8n, prompt engineering, ChatGPT, Claude, Llama, AI-assisted development, image generation; Pandas, NumPy, Matplotlib, scikit-learn, Power BI, Metabase; data visualization and reporting
QA	Pytest, Selenium, Playwright, unit/integration testing, bug reporting, documentation
Infrastructure	OWASP, Active Directory, VMware/Hyper-V, MikroTik, Cisco, Kerio Control, ManageEngine ServiceDesk, firewalls, HIS/PACS

Training & certificates

08/2024	Advanced Python Programming | Maktabkhooneh · 6 h · Certificate
06/2024	Python Programming for Beginners | Maktabkhooneh · 57 h · Certificate
06/2022 – 02/2023	Java & Spring Boot Bootcamp | Maktab Sharif · Final project · No certificate
07/2022	Data Science | Tose'e Higher Education Institute · 120 h · Certificate

Languages

Persian	Native
English	B1 (self-assessed)
German	telc Deutsch B2 exam taken; result report 10/2026 (no B2 certificate)

Interests

Open-source development, AI and technology, sports, video games, language learning, coffee culture.