



M.AMIN TEHRANI

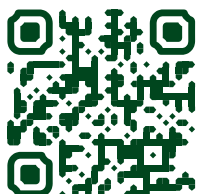
AI student, Full-stack and Web Developer

SKILLS

Python	5+ yrs
Django/DRF	3+ yrs
RDBMS (SQL)	4+ yrs
GIT	3+ yrs
Software Architecture	2+ yrs
SOILD, Design Patterns	3+ yrs
Linux, Bash	2+ yrs
Java, C++, php	5+ yrs
Html/CSS/JS	3+ yrs
Flask	1+ yrs

CONTACT

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PROFILE

Having experienced more than 5 years as a software engineer, I'm currently pursuing a Master's in Computer Eng. with a focus on Artificial Intelligence. Armed with software engineering expertise, I'm eager to keep working along my studies to enhance my skills, stay up-to-date with the latest developments, and achieve my career goals with the aim of entering the era of Artificial Intelligence.

WORK EXPERIENCE

Python/Django Lead teacher and Tech expert MaktabSharif (part-time)

Feb 21 - Jan 23

As a 6-month boot camps Teacher:

- teaching Python basics, intermediate, advanced
- teaching Django basics to advanced
- teaching flask basics
- teaching RDBMSs (PostgreSQL)
- designing, assessing projects, and showing best practices as well
- teaching git vcs
- teaching web development relevant knowledge and skills (network, html/css/js)

As Lead teacher and Tech expert:

- refining and prescribing boot-camps syllabus
- holding extra practice sessions for all web boot-camps students
- organizing interviews with candidate mentors and teachers
- observing and evaluating fresh mentors and teachers

Software architect and Team lead IranSign (part-time)

Aug 21 - Sep 22

Analyzing, designing, and implementing a mobile-embed live server for PKI to perform encryption, signing, and verifying on various channels including Bluetooth, USB, etc.

- extracting user stories from business requirements
- interpreting user stories into technical descriptions
- designing an MVC-based arch for a server inside a mobile phone
- providing UMLs (Class, Sequence, Use-case)
- implementing a real-time, socket-based server in the mobile application
- implementing abstract classes as the blueprints for other teammates
- writing unit tests (TDD)
- assigning tasks to my team members

EDUCATION

2022 - 2024 (currently)

M. Computer Engineering - AI University of Padova

Second-year student, Having passed AI-related courses like:

- Machine Learning
- Artificial Intelligence
- Computer Vision
- Big Data

2016 - 2021

BSc Computer Engineering Kharazmi University

Graduated with a 5-year BSc degree from a top-ranked, government-founded Kharazmi University of Tehran, Iran. Final grade: 16.06 / 20

SOFT SKILLS

- Complex Problem solving
- Planning and prioritizing
- Communication
- Team-working
- Leadership
- Work ethics
- Decision-making



- holding periodic meeting sessions
- RD on interfaces given by different mobile OS and frameworks (IOS, android, flutter)
- implementing on the Android studio platform (Java/Kotlin) as the pilot.

Full-Stack (Django) developer

Dantia (*part-time, co-founder*)

Apr 20 - Feb 21

Dantia was the first Iranian startup to serve AI-based analytics for the Iran Capital Market. (Dantia failed due to the market depression in Feb 2021)

- analyzing the business requirements with other mates
- defining visions and milestones
- implementing core service using Django
- writing RESTful APIs using Django Rest Framework
- crawling the core website of the Iran exchange market
- fetching data from external APIs
- preprocessing and normalizing data before passing it to the AI engine
- documenting source codes for later uses
- establishing co-work environments (git, task managers)

Full-Stack developer

BargNiki Resan (*contract, part-time*)

Jul 19 - Mar 20

- Interpret business requirements into software descriptions
- designing ERD and implementing database
- Implement services APIs on php CodeIgniter
- deploying and maintaining source code on servers
- designing the mobile-first UI
- implementing the client app on Android Studio (java) integrating APIs
- testing and debugging the project
- documenting APIs for other developers' future uses

Full-Stack developer

Bazmand (*contract, co-founder*)

Oct 18 - May 19

Bazmand was a waste-management platform (ordered by the municipality of Tehran, Iran), piloted in 3 districts there with more than 10k users. (quit in July 2019, yet the brand is still officially in my possession.)

- interpreting software requirements, having extracted business demands
- implementing the monolithic server using PHP CodeIgniter
- implementing RESTful APIs for all user roles
- designing general theme
- designing UI for 5 distinct Android applications for each role
- implementing all the applications
- deploying server source code on the dedicated server
- testing, debugging, and maintaining after the launch