M.AMIN TEHRANI

AI student, Full-stack and Web Developer

SKILLS

Python	5+ yrs
Django/DRF	3+ yrs
RDBMS (PgSql, MySql)	4+ yrs
Html/CSS/JS	4+ yrs
PHP, CodeIgniter	3+ yrs
Linux, Bash, Git	2+ yrs
Java, Kotlin	5+ yrs
SOILD, Design Patterns	3+ yrs
Software Architecture	2+ yrs
Flask	2+ yrs

CONTACT

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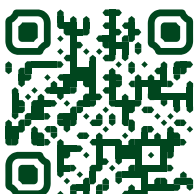
PROFILE

Having experienced more than 5 years as a backend software developer, 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

Back-end (Django) Lead teacher and Tech expert   Feb 21 - Jan 23
MaktabSharif *(part-time)*

Back-end development bootcamp teacher at the first coding bootcamp in Iran.

Back-end: Python, Django, Flask, PostgreSQL, SQLite
Front-end: HTML/CSS/JavaScript, Bootstrap, jQuery

Responsibilities as 6-month bootcamps Teacher:

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

And 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 Back-end Developer   Aug 21 - Sep 22
IranSign *(part-time)*

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

Back-end: Java, Kotlin, SQLite DB, (Web) Socket

- designing an MVC-based arch for a server inside a mobile phone
- implementing a real-time, socket-based server in the mobile application

EDUCATION

LANGUAGES

English — Conversational

TOEFL ibt: 98 **(C1)**

Persian — Native

Mother language

SOFT SKILLS

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

- providing UMLs (Class, Sequence, Use-case)
- extracting user stories from business requirements
- interpreting user stories into technical descriptions
- implementing abstract classes as the blueprints for other teammates
- writing unit tests (TDD)
- assigning tasks to my team members
- implementing on the Android studio platform (Java/Kotlin) as the pilot.

Full-Stack Web (Django) developer — Apr 20 - Feb 21
Dantia *(part-time, co-founder)*

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)

Back-end: Python, Django (DRF), MySql DB | **Front-end:** HTML/CSS/JS

- analyzing the business requirements and defining visions
- implementing back-end 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 — Jul 19 - Mar 20
BargNiki Resan *(contract, part-time)*

Back-end: PHP, CodeIgniter, MySql DB | **Front-end:** Java, Android Studio

- designing ERD and implementing database
- Implement services APIs on php CodeIgniter
- deploying and maintaining source code on servers
- 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 — Oct 18 - May 19
Bazmand *(contract, co-founder)*

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.)

Back-end: PHP, CodeIgniter, MySql DB | **Front-end:** Java, Android Studio

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