

Ashkan Shakiba

Software Developer · Computer Eng. Student

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Technical Skills

Programming Languages: Python, Java, JavaScript, TypeScript, Kotlin, C
Database Management: SQL, MySQL, PostgreSQL, elasticsearch, redis
Backend Development: Django, Django REST framework, CherryPy
Frontend Development: HTML, CSS, Angular, Flutter, Scss
DevOps and Testing: Git, Docker, Selenium
Operating Systems: Linux (Ubuntu), Windows
Software Engineering: Agile and Scrum, Design Patterns, Testing
Programming Expertise: Data Structures and Algorithms, Object-oriented Programming, Microservices
Also familiar with: Golang, Blockchain and Cryptocurrencies, Android Development, React, kibana

Work Experience

Tabdeal Cryptocurrency Exchange

SOFTWARE DEVELOPER

Tehran, Iran

Sep 2022 – Jan 2023

Website: <https://tabdeal.org>

- Technologies: Python, Django, Django REST framework, MySQL, PostgreSQL, etc.
- Develop services to manage and transfer cryptocurrencies, such as wallets and node handlers

Gradient Data Processing (Technical Team of Mobin Sarmaye)

BACKEND DEVELOPER

Tehran, Iran

Feb 2022 – Aug 2022

- Technologies: Python, CherryPy, elasticsearch, kibana, pandas, NumPy, matplotlib, PIL, Selenium, etc.
- Develop services to explore and receive data, process it, and store it in an efficient way
- Implement multiple backend services for a financial explorer and its club

CodeStar Bootcamp (at Mohaymen ICT)

FRONTEND TRAINEE

Tehran, Iran

Jul 2021 – Sep 2021

- Technologies: Angular, TypeScript, Scss

Freelancer

SOFTWARE DEVELOPER

Remote

Sep 2020 – Feb 2022

- Technologies: C, Java, JavaScript, Angular
- Develop multiple projects such as [Pexeso](#), [Simple Search Engine](#), etc.

Education

Amirkabir University of Technology (Tehran Polytechnic)

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

Tehran, Iran

Sep 2020 – Current

GPA: 18.50 (out of 20)

Important Grades (out of 20):

- Fund. of Programming: 20
- Advanced Programming: 20
- Data Structures and Algorithms: 19.3
- Logic Circuits: 19.2
- Computer Architecture: 18.8
- Principles of Artificial Intelligence: 18.75
- Software Engineering: 20
- Mobile Programming: 20

Projects

Bell

B2B PHONE CHARGE SYSTEM

Django, Django REST f. , PostgreSQL

 AshkanShakiba/Bell

Challenges:

- Implement ACID transactions
- Develop REST API and document it
- Using Scout APM to monitor services

Kyusk

JOURNALISM APPLICATION

Django, PostgreSQL

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Challenges:

- Database Management
- Develop views and design UI

Paragraph

BLOG API

Django, Django REST f. , PostgreSQL

 AshkanShakiba/Paragraph

Challenges:

- Database Management
- Develop REST API and document it

Clash Royale

ADVANCED PROGRAMMING FINAL PROJECT

Java, JavaFX, MySQL

 AshkanShakiba/Clash-Royale

Challenges:

- Develop game using MVC architecture
- Database Management
- Graphic Design

Bookzy

ANDROID E-BOOK READER APPLICATION

Android, Kotlin

 AshkanShakiba/Bookzy

Challenges:

- Develop reader's functionalities and features
- Using firebase cloud as object storage service
- Graphic Design

Teaching Assistant Experience

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| Feb 2023 | Software Engineering , Teaching Assistant under the supervision of Dr. Alirezaei | <i>AUT, UT</i> |
| Feb 2022 | Fundamentals of Programming , Teaching Assistant under the supervision of Mr. Alvani | <i>AUT</i> |
| Feb 2022 | Advanced Programming , Teaching Assistant under the supervision of Dr. Zeinali and Dr. Kalbasi | <i>AUT</i> |
| Jul 2021 | Advanced Programming , Workshop Documentation Author under the supervision of Mr. Hoseini | <i>AUT</i> |
| Sep 2021 | Fundamentals of Programming , Teaching Assistant under the supervision of Dr. Zeinali | <i>AUT</i> |

Volunteering

Students' Scientific Chapter (SSC)

Tehran, Iran

OFFICIAL MEMBER

Aug 2021 – Mar 2023

Members of the Students' Scientific Chapter are annually chosen in an election and with the vote of Amirkabir Univ. of Tech. Computer Eng. Dept.'s students. I am selected as an official member and head of the competition commission. SSC has always held different events such as [LinuxFest \(Linux and open source festival\)](#), [Amirkabir Collegiate Programming Contest](#), Amirkabir Artificial Intelligence Summer Summit, Data Mining Challenge, [GameCraft](#) and etc. Also, SSC has presented talks, courses, and other programs to help students interact with the industry.

Languages

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| Native | Persian , Mother tongue |
| Advanced | English , Listening B2, Reading B2, Writing B2, Speaking B2 |