Hassan Shahbazi
Senior iOS developer and team leader
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SUMMARY

I started iOS development as a junior developer in 2011. Since then, I have developed and maintained existing products, helped to design and implement new projects, and collaborated with different software and hardware teams which result in releasing stable and reliable applications. I am passionate to contribute on open source projects and share my programming knowledge with other developers.

Find me at:

- GitHub: https://github.com/hassaniiii
- LinkedIn: https://ir.linkedin.com/in/hassanshahbazi
- Coursera: https://bit.ly/2GL2xgl
- StackOverflow: https://stackoverflow.com/story/hassaniiii

Areas of expertise include:

- iOS development
- Multithreading
- Objective-c
- Algorithms
- Swift
- Design patterns

EXPERIENCE & NOTABLE CONTRIBUTIONS

iOS team leader	**Alibaba travels co.** (Tehran, Iran)	12/2018 - Present

Achievements

- Leader of the biggest iOS release in Alibaba so far, resulting in a hug migration from old versions, and an improvement by 20% in the success rate.
- Collaborating close with PO, PM, tech leader, and other tech teams such as QA and backend to guarantee the reliability and stability of the new version of our iOS application.
- Improving the team performance based on values and principles of XP
- Decreasing conflicts among team members by developing trust and respect.
- Hiring great developers for improving the quality of the team.

Senior iOS developer	**Alibaba travels co.** (Tehran, Iran)	07/2018 - Present

Alibaba Travels co. is the biggest business in the field of travel, accommodation, and tourism in Iran. I start working as the senior developer in the iOS team, contribute to developing and maintaining the iOS application. We try to move the legacy Objective-c code to the modern Swift syntax. I cooperate closely with a professional team on a large-scale iOS application which has more than 60,000 active users.

Projects:

- Alibaba.ir (SibApp - Local Iranian AppStore)

Technologies, Languages:

- Swift, Objective-c
- Git, Jira
- REST API, JSON
- Unit Test
- Cocoapods
- MVVM
- Realm
- Scrum, XP, Kanban
- GitLab CI/CD

Senior iOS developer   **Vancosys Data Security Inc.** (Vancouver, Canada)   09/2016 – 07/2018
(Tehran office)

I worked in Vancosys as a senior iOS developer and team leader. Our projects were mainly about security implementations through Bluetooth Low Energy (BLE) technologies. We had several different teams there and we worked closely together on every project. I implemented **FIDO 1.0**, **FIDO 2.0 (CTAP)**, **CDF**, and **OTP** algorithms during the time in Vancosys.

Projects:

- Vancokey (AppStore)
- Vancosys Authenticator (AppStore)
- Vancokey G3 (under development)
- CBORSwift (GitHub) (CBOR website)
- BluetoothLE Manager (GitHub)
- Raha (Bank OTP Manager)

Technologies, Languages:

- Swift, Objective-c
- Unit Test, Coded UI
- Realm
- Git, Jira
- AES, RSA, ECDSA, X509
- CryptoSwift, OpenSSL
- Fabric, TestFlight, Firebase
- Frida, Appmon
- Jenkins, Fastlane
- CocoaPods
- Diffie-Hellman Key agreement

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iOS developer   **Self-employed**   01/2016 – 09/2016
(During obligation military service period)

Since it is not allowed to work as a full-time employee during obligation military service in Iran, I continued my professional life as a freelance remote iOS developer for about 9 months. I developed an assistance application for architectures called Parseh. I implemented different financial graphs, as well as several complex UIView elements such as customized UIStackView, horizontal UITableView, Persian UIDatePicker and so on.

Projects:

- Parseh

Technologies, Languages:

- Swift, Objective-c
- CoreData
- Redmine
- Git

IT specialist   **Iran Ministry of Science, Research and Technology**   12/2015 – 07/2017
(Obligation military service)

My military service was held on NAJA (The Law Enforcement Force of the Islamic Republic of Iran). I was charged as a software specialist to Ministry of Science, Research and Technology. I used to work on different roles, but my main focus was on teaching universities' specialists about dealing with Faculty Recruitment Center website.

Projects:

- Senior content manager and supportive of the Faculty Recruitment Center

iOS developer   **SefrYek** (Tehran, Iran)   04/2015 – 12/2015

As a developer in the iOS team, I contributed in different projects, such as Sepah Mobile Bank iOS application. I used to work on different legacy projects as well**. I had to leave it since my obligation military service had been started and it is not allowed to work full time during military service in Iran**.

Projects:

- Sepah Mobile Bank (Installation Page)

Technologies, Languages:

- Objective-c
- Bamboo CI - CD

- CoreData
- SVN, Jira

- Web services, JSON
- iTunesConnect

Junior iOS developer   **Makeen ideal media** (Tehran, Iran)   2011 – 2013
(During university period)

I started cooperation with Makeen while I was studying at university and it was a kind of internship for me. I used to learn iOS basics and concepts and also, I started to develop some projects mainly dealing with offline contents. I left it since I was looking for a better opportunity.

Projects:

- Mah-e-Bandegi (content-based app)
- Atabat (content-based app)

Technologies, Languages:

- Objective-c
- CoreData

EDUCATION

Bachelor in Software Engineering   **Damghan University** (Damghan, Iran)   2011 - 2015

Machine Learning:

Neural Networks and Deep Learning (https://bit.ly/2GMuyUz)	**Stanford University** (deeplearning.ai)	2018
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (https://bit.ly/2GKanGU)	**Stanford University** (deeplearning.ai)	2018
Building deep learning applications with Keras	**Lynda**	2018

Software development:

Software Test Fundamental	**Microsoft** (mva.com)	2017
Test Driven Development Fundamental	**Microsoft** (mva.com)	2017

Security:

Cryptography I (https://bit.ly/2LCtKAy)	**Stanford University** (coursera.org)	2016