



# Mehrdad A. Karami

## Senior Full-Stack Developer

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<http://angulartutorials.blogspot.com>

<http://javatutu.blogspot.com>

## SUMMARY

As a developer with eleven years experience in various software developing technics especially in backend area, I started learning and practicing frontend development inside my work to make numerous startups mainly focus on business IT solutions. The total experience partially summarizes from developing mobile and micro payment applications to customized web applications which are categorized for a mean.

Cloud architect expert

Micro-services and MVC pattern designer expert.

Android Designer expert

Full stack certified degree from California, USA

## Potential Key

Architecting a real-time system with the most efficient way, in which to save time and have a flexible system. Also using test cases and documenting while developing and creating most trusted system. I have solid understanding in various type of application design, network engineering and server configuration, beside various type of tools needed for development.

## Skills

Android	★★★★★★★★★
JAVA	★★★★★★★★★
Angular.js	★★★★★★★
Web Design	★★★★★★★
Node.js	★★★★★★★
SQL and No-SQL	★★★★★★★

## Experience

### METAO CLOUD STUDIO–2005– Present

#### Founder and developer

During my total experience in IT world I tried to increase my practice and expertise in mainly in Android developing and web plication designing. I made numerous startups, a game panel for instance and ten other android mobile application categorize in video entertainment, mobile learning, game and business, micro payment and home appliance.

Using micro-service architecture, automation tools for testing and measure the quality of software in different situations are other points to mention I observe as a rule to develop.

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**RIGHTEL TELECOMMUNICATION THIRD-PARTY NOV. 2014 — AUG. 2015 – TEHRAN, IRAN****Senior Java Developer**

As a backend Java developer in a third-party company, for a telecommunication company named Rightel, I was developing the core framework to be called SMSC (SMS Center Server), Server Monitoring as User Interface (Java Desktop), and Traffic Agent Server as the core sever, to enhance the 100,000 message per second transaction ability to be replaced with the prior HUAWEI and ZTE platform which was restricted to 100 message per second transaction. Also there was another goal which was including to bridge among another mobile operator gateways. Rightel is an innovative telecommunication company which has increased its customers and needed fast and robust services to be replaced with the prior services. Prior servers and licenses didn't allow Rightel to increase its services as we tried to build the local version. To put away the old license my aim was to re-structure the business logic, as well as developing the system parts. I restructured the protocols, like charging algorithms and enhanced money transaction gateways as well.

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**Education****MOBILE COMMUNICATION OF IRAN (MCI) – Tehran, Iran May. 2014 - Nov. 2014****Senior Java programmer**

As a third-party employee and consultant, I was the Front-End and Back-End programmer for a project called NOTRINO (The MCI 3G and 4G internet service of Mobile Communication Iran) (<https://my.mci.ir>)

MCI has the biggest users, around 20 million, in the country, and 40,000 concurrent or active users. So enhancing to reach to the maximum concurrent users deploying internet services was the goal to prevent user's quality was my goal.

The old portal for users was not able to response the huge requests. So I re-created a new view for NOTRINO, deploying Java Enterprise Glassfish Web Application, and also created a new portal to control user's settings like internet usage as the all the required user friendly settings. More so, in backend clustering and re-designing the business-layer to run hundreds of services as well as controlling all of the transactions was my duty.

**MTN IRANCELL, TELECOMMUNICATION THIRD-PARTY – Tehran, IRAN March 2013 — Nov 2014****Senior Java developer**

Developing the business-layer application to increase SAN Storage Enhancement residency. While the company's server was increasing, the services and information was increasing as well, so residency of the proper location of the new server in SAN storage was always an issue to increase performance as much as possible. Also clustering and big data optimization was other matter to be deployed in big servers. In term of maintenance, servers need to be accessed every time in datacenter. So, in our team, we created a platform to simulate the best position of the new storage or server before placement in SAN storage by creating many test cases and gadgets written in Java in a web-based environment.

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**RIGHTEL, TELECOMMUNICATION COMPANY** – Tehran, IRAN      Oct. 2013 – May. 2014

**Senior Java developer**

Hybrid Cloud Developer in a project for Rightel Telecommunication company, to enhance over 4000 concurrent user video streaming for a DaaS (Desktop as a Service) project, and I was the core developer in this project. Like other Cloud-Infrastructure principles, we created the Elastic-Computing instances with KVM on customized Linux-based operating system. In addition in the team, I had the duty to create a customized portal and video streaming delivery framework. Using No-SQL storage and also Java helped us deliver clear Desktop to the users.

**EMROOZ MARKETING RESEARCH COMPANY** – Tehran, IRAN      Aug. 2012—Oct. 2013

**Java Developer**

Developing and implementing a customized CMS for a marketing research company which enhanced the survey investigation, help surveyors migrate from paper-based to web-based surveys. Also, data manipulation on web-based as well as automatic form generation was another feature we provided. The outcome decreased the costs while avoiding millions of papers wasting, while increasing the precision in information gathering.

**TADBIR GOSTARAN (TGBS) COMPANY** – Tehran, IRAN      Nov. 2011— Aug. 2012

**Android Developer**

My first team work experience started here. I developed some mobile applications for the company, including gadgets and game, later on to be deployed to Samsung application center.

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## QUALIFICATION

- **JAVA STANDARD DEVELOPER**
- **JAVA ENTERPRISE DEVELOPER**
- **ANDROID DEVELOPER**
- **NODE.JS DEVELOPER**
- **JAVASCRIPT DEVELOPER**
- **AMAZON WEB SERVICES ARCHITECT**
- **CLOUD DEVELOPER BIG DATA CLUSTERING**

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## INTERESTS

- **JAVA ENTHUSIAST**
  - **LEARNING WEB-DEVELOPMENT**
  - **READING AND WRITING POEMS**
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## REFERENCES

- <http://rightel.ir>
  - <http://mtnrancel.ir>
  - <http://my.mci.ir>
  - <http://emrc.info>
  - <http://egmorad.ir>
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