



# Mohsen Hariri

## Software Engineer

e: m.hariri@gmail.com

w: www.mhariri.info



---

### Personal Profile

A passionate software engineer with 15+ years of experience in product development, technical team leadership and system architecture.

The hallmark of my work is to find key success factors in my teams and projects, and to take initiative and lead in improving those aspects to always end up with a happy customer while spending the least effort.

---

### Work Experience

#### Senior Software Engineer at Spotify

*August 2020 – Present*

Working in customer service business unit, providing customer care agents with the tools to give them all they need to know about an Spotify customer.

We maintain services that handle hundreds of events per second and store terabytes of data and require multi-region active-active deployments.

Technologies: Java, Google Cloud, Kubernetes, microservices.

#### Senior R&D Engineer at IPsoft

*August 2014 – July 2020*

The company's vision is to automate all processes in IT infrastructure and business operations, using artificial intelligence, cognitive and autonomic solutions in order to free engineers and technologists to focus on creative endeavors and innovation.

Highlight of my contributions and achievements:

- Build a performance measurement framework for Amelia, leading that from prototype to business value. Resulted in 12x speed up in startup time of one component and 80x speed up in a critical path in Amelia's processing.

**Technologies:** Java flight recorder, perf, flamegraphs, flamescope, Docker

- Design and implement a critical service in 1Desk to build and run workflows.

**Technologies:** Spring boot, bpmn-js + React, MySQL, Redis, Apache Camel, Camunda BPN

#### System Architect at Seamless Distribution AB

*July 2013 – July 2014*

Continue to lead the transaction intensive system at Seamless, wearing the architect hat.

**Skills:** Designing Resource-oriented RESTful API, pair-programming, coaching junior engineers

## **Developer/Technical Team Lead at Seamless Distribution AB**

*July 2009 - July 2013*

Designing and managing a financial system for mobile operators with performance requirements as high as 1000+ monetary transactions per second. Most popular technologies in Seamless are Java, MySQL and zookeeper all running under Linux systems.

My contributions and achievements:

- Migrating a system from a monolith to a microservices architecture which resulted in an easier to maintain product and increased the performance from ~10 tps to 1000+ tps
- Designing and implementing a reporting/reconciliation system capable of processing hundreds of millions of transactions per day

## **Co-founder at Parspooyesh**

*April 2003 - August 2008*

Co-founded Parspooyesh company together with two of my friends. The startup grew to more than 20 software developers.

**Technologies:** Linux, Python, PHP, PostgreSQL

## **Software Developer at AVAPajooresh**

*August 2002 - March 2003*

**Technologies:** MS Visual C++, SQL Server, Java.

---

## **Entrepreneurial Activity**

### **2016 - vphone**

Place and receive calls on two numbers using one phone. (discontinued)

### **2014 - Shoppistant**

Compare products in the store. [www.shoppistant.com](http://www.shoppistant.com)

### **2003 - ParsPooyesh**

Creating ISP accounting software. [www.parspooyesh.com](http://www.parspooyesh.com)

---

## **Key Skills**

Java (Spring-boot, JPA, JAX-RS)

AngularJS, React

MySQL, Redis, Zookeeper

RabbitMQ, HAproxy

Docker

Python, PHP, Bash

Maven, Git

---

## **Education**

### **KTH (Royal Institute of Technology) University**

*August 2008 - May 2010*

Master's Degree of Software Engineering of Distributed Systems