# Ali Amiri

SENIOR SOFTWARE ENGINEER · JAVA & ALGORITHMS EXPERT

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*Java , Spring , Kotlin , Python , C# , Docker , Git , CI/CD , Relational DB , Non-Relational DB*

## Summary

I am an enthusiastic, creative programmer with about ten years of programming and management experience, specializing in java with a keen interest in problem-solving. Besides programming, I have an excellent background in Mathematics and Algorithms through my years of studying for the Mathematical Olympiad. I have shown a proven record of managing successful software teams in developing new projects and maintaining existing ones in the past several years.

## Work Experience

### Tapsell
*Tehran, Iran*

**TEAM LEAD**
*April 2021 - Current*

As an ad network, we are developing effective methods for bidding on Ads and Ad places to maximize our profit and our client's profit. My most significant achievement was handling a stream of billions of records per day using **Kafka** and **Hadoop**.

Kotlin, Java, Spring Framework, Docker, Kubernetes, Kafka, Redis, MongoDB, Prometheus, Grafana, Hadoop, Hudi.

### Royalty
*Vancouver ,Canada (Remote)*

**CHIEF TECHNOLOGICAL OFFICER**
*June 2020 - April 2021*

I was responsible for the **entire software lifecycle**: meetings with clients and business analysis, reading through property laws in Canada, refining the business analysis, designing scalable software architecture, and managing a team of five developers to implement it, finally creating a pipeline for tests and deployment.

Java, Spring Framework, Docker, MySQL, React JS, Google Cloud Platform, Kafka, Redis.

### Movic
*Tehran, Iran*

**TEAM LEAD**
*April 2018 - June 2019*

I have designed the architecture for a video streaming service and **managed a team** of six developers to implement the service.

Java, Spring Framework, Python, Docker, React JS, Kafka, Postgres, Bootstrap

### Ayeneye Jadoo(Magic Mirror)
*Tehran, Iran*

**SENIOR SOFTWARE ENGINEER**
*December 2016 - April 2018*

We designed and implemented multiple multimedia streaming solutions. We developed the core systems using **Kafka**, Redis, and the spring framework.

Java, Spring, Kafka, Redis, Mustache, Postgres, Docker, Python, JavaScript, Cloud foundry uaa, PHP

### Homapay
*Tehran, Iran*

**SENIOR SOFTWARE ENGINEER**
*October 2015 - March 2016*

In this fintech startup, I worked on micro-payment architectural design and implementation. The system was an **Enterprise Service Bus** powered by Mule. I also designed the CI/CD pipelines using Jenkins and wrote the integration tests using Jmeter and groovy.

Java, Spring, MongoDB, mule, RabbitMQ, Open AM, Nginx, JMeter, Logstash, Docker, Jenkins, Redis, groovy

### Asan Pardakht | Fanap | Tose'e Pajoohesh
*Tehran, Iran*

**SOFTWARE ENGINEER**
*June 2011, October 2015*

- I worked on **ITIL compliant help desk**, Core banking simulator, Distributor's Loyalty System, etc.
- USSD service maintenance and improvement. developing the **XRM system**.
- I have added several extensions to **WebNMS**, and I have developed the client and server for a WAP.

- Java, Grails, AngularJS, PostgreSQL, C#, WPF.
- Java, web-services, USSD, hibernate
- Java, swing, WebNMS, PostgreSQL, wap, JBoss.

## Honors & Awards

| 2022 | **4th place**, among 2000 participants in PHD entrance exam | *Iran* |
| 2019 | **4th place**, among 10,000 participants in computer engineering master entrance exam | *Iran* |
| 2005 | **Bronze Medalist**, Iranian mathematical Olympiad | *Iran* |

## Education

### M.S. Artificial Intelligence
*2019 - 2022*

**SHARIF UNIVERSITY OF TECHNOLOGY**

- TA of Machine Learning
- TA of Statistical Machine Learning
- TA of Stochastic Process

### B.S. Information Technology
*2007 - 2014*

**UNIVERSITY OF TEHRAN**

- Chief TA of Discrete Mathematics
- TA of Algorithm Design