



# Aliasghar Momeni Vesalian

SENIOR SOFTWARE ENGINEER - JAVA

## PROFILE

**Gender:** Male

**Nationality:** Persian

**Birth Date:** 6/30/1985

Software engineer with a strong background in design and development on Java platform for more than 14 years. Keen learner and problem solver with a passion for algorithms, architecture, high throughput systems and Big Data. Highly experienced in developing financial and banking systems.

## EDUCATION

**Master of Science** from Tehran Markazi Azad University in Software Engineering from September 2015 to Present.

**Bachelor of Science** from Qazvin Azad University in Software Engineering from September 2003 to September 2008.

## LANGUAGES

English

Persian

## CONTACT

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LinkedIn: [Momeni Vesalian's profile](#)

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Berlin, Germany

## WORK EXPERIENCE

Wayfair

**Senior Software Engineer**

May 2022 - Present

- I design, implement, and deploy facility service.
- I design, implement, and deploy network engine.
- I design, implement, and deploy transportation network service.
- I design, implement, and deploy capacity tracker service.

Delivery Hero

**Senior Software Engineer**

Jul 2020 - May 2022

- I design, implement, and deploy order transmission service.

EPAM Systems

**Senior Software Engineer**

Apr 2019 - May 2020

- As a key developer, I design and implement a search project.
- As a key developer, I design and implement a web crawler project.

Sava Arman Kish (Bitex)

**Senior Java Developer**

Jun 2018 - Mar 2019

- I worked as the chief architect of the exchange project.
- I designed the architecture model and implemented architectural APIs.
- I designed and implemented the matching engine.

Navaco (Maskan Bank)

**Senior Java Developer**

Mar 2017 - Jun 2018

- I worked as a member of CORE Banking architecture team.
- I designed the architecture model and implemented some architectural APIs.
- I designed and implemented lending overnight calculation.

Caspian (Parsian Bank)

**Senior Java Developer and Designer**

Sep 2009 - Mar 2017

- I worked as a member of the Lending team.
- I designed and implemented conversion's architecture model.
- I designed and implemented repayment, settlement, and installment calculation.



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## PROGRAMMING SKILLS

Java 11

Design Patterns

Microservices

Event Driven Architecture

Software Architecture Patterns

Algorithms / Data Structures

Distributed Systems

High Frequency, Availability, Scalable

Fault-tolerant and Low-Latency Systems

Multi-Threading and Concurrent Programming

Live Migration

Reactive Programming

RESTful Web Services

Docker and Docker Compose

CI / CD

Jenkins

Swagger

Hystrix Netflix

Apache Kafka / Amazon SQS/SNS

AWS / Terraform / Helm

Azure Cognitive Search

Spring

Spring Boot

Spring MVC

Spring Batch / Quartz

Spring Security

Spring Data / JPA

Spring Statemachine

Spring WebFlux

Vert.x

Hibernate / EclipseLink / iBatis

Redis

Amazon DynamoDB

Oracle PL/SQL Development

Gradle / Maven

Git / Subversion

Test Driven Development

JUnit / Mockito

UML / Agile and RUP Methodologies

CORE Banking Systems

Trading Systems

Real-Time Financial Systems