

# Reza Same'ei

Backend Developer

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sameei.github.io

in /reza-sameei

/sameei

stackoverflow

## Education

### Technical & Vocational University

Associate Degree in Computer/Software Engineering

2009 – 2011

Karaj, Iran

## Experience

### TrialBlaze

Backend Developer

March 2019 – Present

Remotely! Perth, Australia

- Design and implement a **rule based** component to process ODM files based on **user defined logics**
- Define a simple **AST** to express *user defined logics* and transform it to Drools's rules
- Design for maximum flexibility to reduce the risk caused by *not having adequate context of domain*, while being effective to reduce the complexity of the overall design as a **member of architect board**
- Toolbox: Java, Drools, PostgreSQL, Docker, Google Cloud, Reactor, Cadence, Go

### Bisphone

Backend Developer / Data Engineer

March 2016 – Dec 2018

Tehran, Iran

- Build and maintain more than 10 **data intensive** components, as RPC services using **Scala**, **AkkaStream** and **Cassandra**, or as **Stream processing** jobs using Apache **Flink** and **Kafka**, to support needs of messaging backend
- Being effective in the overall design of the system by taking part in analysing requested features and designing APIs and data models in both server side components and also Android and iOS clients as a **member of technical committee**
- Toolbox: Scala, Akka, AkkaStream, Cassandra, Kafka, Apache Flink, MySQL, ELK

### Imen Pardis

Backend Developer; Scala, Akka/Spary, MySQL, RabbitMQ, JavaScript and ELK

Oct 2014 – Nov 2015

Tehran, Iran

### Armaghan Rahe Talaie

Web Developer; using PHP, Doctrine ORM, MySQL, RabbitMQ and JavaScript

July 2013 – Sep 2014

Tehran, Iran

### Shiveh Co

Junior Web Developer; using PHP, Zend, Propel ORM, JavaScript, CanJS, OpenLayers

Sep 2011 – July 2013

Tehran, Iran

## Software Skills

**Understanding of ...** Distributed Systems, Concurrency, Stream Processing / Data Flow, Functional Programin, OOP, Actor Model,DDD, JVM Performance

**Experience with ...** Scala, Akka, AkkaStream, Java, SQL, Cassandra, Google Cloud, Apache Flink, Kafka, Drools, RabbitMQ, Docker, ZooKeeper

## Open Source Projects

**ElasticReporter** To push monitoring metrics from **Apache Flink** to ElasticSearch directly

**SARF** Simple Abstraction for Remote Function, a toolkit providing the ground for **RPC** based communication