

# Reza Sameei

Backend Developer

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🌐 <https://sameei.github.io>

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🔗 [Github Profile](#)

📖 [StackOverFlow Profile](#)

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## 🎓 Education

### Technical & Vocational University

**Associate Degree** in Computer/Software Engineering

2009 – 2011

Karaj, Iran

## 🚴 Experiences

### 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
- Toolbox: Java, Drools, JOOQ, PostgreSQL, Docker, Kubernetes, Google Cloud Platform, gRPC, Cadence

### Bisphone

Backend Engineer / BigData Developer

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 – Aug 2014

Tehran, Iran

### Shiveh Co

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

Sep 2011 – June 2013

Tehran, Iran

## 🛠 Software Skills

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

**Experience with ...** Scala, Akka, AkkaStream, Java, SQL, Cassandra, Google Cloud Platform, 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

## 👤 Personal Information

Full name **Reza Sameei Golvajh**

Date of Birth **Nov 1988**

English Fluency

Other Languages

**C1** (IELTS 7.0)

German[A1], Persian[Native]