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MASSOUD AFRASHTEH

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EMPLOYMENT

Big Data Engineer	**Amnafzar**	**Sep 2017 - Present**

- Involved with Distributed Data Storage and Processing Pipelines platforms.

Software & Data Engineer	**Asr Pars Savis**	**Jun 2012 – Sep 2017**

- Replication Search Algorithm with O(log n).
- Distributed Message Queues, Storage, and Analysis platforms.
- Distributed Storage, Database, and Analytics Microservices.
- Involved with Social Networks and Data Analysis.

Remote Software Engineer	**Various Companies**	**March 2014 – Present**

- Rayan Ham Afza: Implement a PaaS and Financial Real-Time Data Streaming Platform, 2017
- Lahzenegar: Analysis and Security Microservices on Data Streams, 2016
- SabaIdea (Aparat): Design Microservices on AWS (EC2, RDS, S3) and GAE, 2015
- Ravan Ertebat: Distributed Data Storage Platform, 2015
- Khallagh Borhan: Data Analysis, Streaming, and Message Processing, 2014

EDUCATION

Iran, Qazvin	**University of Pennsylvania**	**Spring 2011 – June 2013**

- B.C.S. in Computer Science Engineering. GPA: A

Iran, Qazvin	**Shahid Babaei Technical College**	**Spring 2009 – Spring 2011**

- A.E.S. in Computer Science Engineering. GPA: B

TECHNICAL EXPERIENCE

Projects

- **Live Video Streaming API** (2016). Authentication, Analysis Services. Java, Redis, Cassandra, Wowza
- **Tehran Stock Exchange** (2015). Crawl, Cluster, and Analyze TSETMC Data. Java, RDMS
- **Social Network** (2012). Database Design, Authentication and Authorization Services. SQL, NoSQL

ADDITIONAL EXPERIENCE AND AWARDS

- **Instructor (2011 – 2013):** Taught fundamentals of Web Development to high school students.

Languages and Technologies

- **Languages:** Java 8, Clojure, Python, Go, SQL
- **Development:** J2EE/JEE, Spring, Hibernate, RESTful, Microservices, OAuth, JWT, Jersey, CXF, Maven, TDD, JUnit, JPA, Hibernate, JSP, HTML, CSS, Git, Matlab, IntelliJ, Eclipse, Vim
- **Data Tools:** RDBMS, Oracle DB, MySQL, H2, SQL Server, NoSQL, Cassandra, Redis, MongoDB, Hadoop, Kafka, Elasticsearch (ELK)
- **Operation:** Kubernetes, Docker Swarm, AWS, GAE, Tomcat, Apache, NGINX, GNU/Linux

Links

- **Blog:** https://code.massoudafrashteh.com   **Github:** https://github.com/massoudAfrashteh