Moein Hosseini

Email : abc@moein.xyz

http://moein.xyz

EXPERIENCE

- **Quantcast** — London, UK
  Senior Software Engineer — *Jan 2020 - Present*

- **Tapsi** *Fastest-growing and second carpool player in Iran (Uber of Iran)* — Tehran, Iran
  Senior Data Engineer — *Dec 2018 - Dec 2019*
  - Lead the team of 3 to build and maintain a scalable and fault-tolerance data warehouse and computation stack.
  - Working closely with BI and backend teams to make sure that the cluster meets business requirements.
  - Built synchronization services to makes data warehouse synchronized with production databases using Spark.
  - Setup and manage data pipelines and reporting system for ten of thousands of jobs per day using Airflow.
  - Built stream processing application responsible for schema inference, event persistence and automatically creating Hive tables using Spark and Kafka.

- **BisPhone** *Optimized messaging and calls application with almost 3 million users* — Tehran, Iran
  Technical Product Manager (Alongside with Data Engineering role) — *Mar 2018 - Dec 2018*
  - Design RPC level APIs between microservices and exposed API to clients using SARF and Protobuf.
  - Design the end-to-end encryption protocol based on Diffie-Hellman and AES algorithms.
  - Working closely with C level people and all technical teams to define a technical road map of product, minimize technical debts during releases and divide features to deliverable tasks.

- **BisPhone** — Tehran, Iran
  Data Engineer / Big Data Developer — *Dec 2016 - Dec 2018*
  - Count unique users interactions to contents using approximately algorithms, Flink, Kafka and Cassandra.
  - ETL data to new version of application during big bang migration from SQL based DBs to Cassandra using Spark.
  - Contribution to p2p messaging, message broadcasting and file storage services using Scala and Akka.
  - Built a batch service to calculate system stats from various sources and publish it on EK stack using Spark.

- **HungerStation** *The largest online food court in Saudi Arabia and Bahrain* — Remote, Saudi Arabia
  Software Developer — *Nov 2015 - Mar 2016*

- **PersianBlog** *The first blogging platform in Persian* — Tehran, Iran
  Software Developer — *May 2014 - Dec 2014*

- **ShivehCo** *A pioneer company in the GIS and realtime tracking systems.* — Tehran, Iran
  Junior Web Developer — *Jun 2013 - May 2014*

PROGRAMMING SKILLS

- **Languages**: Scala, Java, Python, SQL
- **Technologies**: Spark, Kafka, Hadoop, Flink, Ambari, Airflow, Zookeeper, Cassandra, Postgres

EDUCATION

- **Amirkabir University of Technology - Tehran Polytechnic** — Tehran, Iran
  Master of Science, Information Technology — *2015 – 2018*

- **K. N. Toosi University of Technology** — Tehran, Iran
  Bachelor of Science, Computer Engineering — *2010 – 2015*

NOTABLE OPEN SOURCE PROJECTS

- **Airflow On Ambari**: Mpack package to setup and monitor Celery based Airflow or Ambari (Ambari extension)
- **RabbitMQ On Ambari**: Setup, configure and monitor single node RabbitMQ server on Ambari (Ambari extension)

VOLUNTEER EXPERIENCE

- **AISEC** — Guangzho, China
  Volunteer University Exchange Student — *Jul 2016 - Aug 2016*
  - Working as a volunteer in Guangzhou to improve general knowledge of Chinese migrant workers in the international team. This project helped me to develop my leadership and communication skills in the multi-culture environment.