

HAMOON MOHAMMADIAN POUR

ACCOMPLISHMENTS Working on MySQL/MariaDB and related technologies. Focusing on MariaDB Cluster technology (Galera Cluster). Implementing load balancer, automation of backups, performance tuning and optimization.

SKILLS & ABILITIES

- OS: Windows, Ubuntu, CentOS
- Database: MySQL/MariaDB, Yandex Clickhouse
- Search Engine: Apache Solr
- Message Broker: Apache Kafka, Redis
- Programming languages: PHP, Python
- CDC Tools: Maxwell, Debezium
- Monitoring: ClusterControl, Grafana

PROFESSIONAL EXPERIENCE

CHIEF TECHNOLOGY OFFICER, DATAAK | TEHRAN, IRAN

Apr 2018 - Present

Dataak was found in April 2018 by two of my colleagues and me. I work as a CTO. I have designed a Big Data architect (Lambda Architect) to collect, manage, analyze social media data such as Telegram public channels posts, Instagram public users posts, Iranian news agencies, Twitter public tweets, etc. We use Hadoop, HBase, Elasticsearch, Apache Solr, Apache Kafka, OrientDB, Apache Airflow and Apache NiFi in our Big Data stack. I'm one of the key members of my team. Every day I try to find new solutions to improve our apps.

For more information please refer to our website <https://dataak.com>.

MARIADB/MYSQL DATABASE ADMINISTRATOR, LIFEWEB | TEHRAN, IRAN

Feb 2015 - Apr 2018

DBA Support/Maintenance for +3 servers MariaDB Galera Cluster with a volume of more than 4 TB for each server. I also set up/Maintenance multiple HaProxy and Keepalived for High Availability and load balancing our MariaDB Cluster. Automate DB Backups (Full and incremental) with Percona Xtrabackup. Setup MariaDB Replication Topologies such as Master-Slave and Master-Master. Query Performance Tuning and Monitoring.

SENIOR PHP DEVELOPER, LIFEWEB | TEHRAN, IRAN

May 2014 - Apr 2015

On those days, we decided to migrate our application from Laravel 3.x to

Laravel 5.1

We started to develop a new version of our application and after around 6 months we released the first version of our application that developed with Laravel 5.1

MID-LEVEL PHP DEVELOPER, LIFEWEB | TEHRAN, IRAN

May 2013 - May 2014

On those days, I was a Junior PHP Developer. We had developed an application called Payeshgar.

We used laravel 3.x & MySQL 5.5 and at the end, we added Apache Solr to our stack.

I learned to work with Laravel. Plus I had to learn more about tuning MySQL.

EDUCATION	GHAZALI UNIVERSITY –SOFTWARE ENGINEERING –QAZVIN – BACHELOR'S DEGREE
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2011 - 2013

GPA: 16.38/20

ISLAMIC AZAD UNIVERSITY –SOFTWARE ENGINEERING –KARAJ – ASSOCIATE DEGREE
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2009 - 2011

GPA: 15.05/20

RESEARCH INTERESTS	<ul style="list-style-type: none">• Database Design• Database Performance Tuning• Implementing Big Data solutions
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