

PERSONAL INFO



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INTERESTED IN

Software Engineering / Data Engineering

WORK EXP

Jan 2016
to
Present

Software Research Engineer

Snapp Co., Tehran (Iran)

Home Page: <https://snapp.ir>

Business: Ride Hailing

- Boost Operation Team performance by providing an online Demand Report based on big data platform using Spark, Kafka, ClickHouse, Logstash and Filebeat.
- Equip Fraud Detection Team with a Pandas based application, which detected 20 suspicious categories.
- Helped the Marketing Team with a predictive LTV (lifetime value) which has 87% accuracy using Random Forest.
- Enhanced SSAS BI platform by ETL (extract transform load) data to SqlServer as the warehouse using standard SQL, Pentaho Kettle and Python.

Feb 2015
to
Jan 2016

Software Architect

Pouya Finance, Tehran (Iran)

Home Page: <http://pouyafinance.com/>

Business: Brokerage Data Processing, Stock Exchange

- Developed a KBS (knowledge base system) to implement applicable use cases on Iran's Exchange Market. This KBS was a Python web-API inspired from the Clean Architecture and used technologies like Pyramid, SQLAlchemy, Json-RPC and Angular-JS.

Jan 2013
to
Sep 2015

Software Engineer / Team Lead

Fanap Payment, Tehran (Iran)

Home Page: <http://fanappayment.ir/>

Business: Automatic Fare Collection

- Coached a team of five software engineers and reported to municipality representative using Agile Methodology and Jira to pioneer a \$14M automatic fare collection project on cabs of Isfahan (third largest city in Iran with 2M population).
- Designed and developed a bi-directional data pipeline to receive Info and send back commands to 8000 cabs based on a devised a UDP protocol. Used technologies: Apache MINA, Hibernate, MySQL, RabbitMQ, Java, Spring Framework, Oracle DB, SOAP and REST web services.
- Set up Zabbix to monitor the system, which has been consisted of 15 local servers.

Mar 2008
to
Dec 2012

Software Engineer

Fanap Co., Tehran (Iran)

Home Page: <http://en.fanap.ir>

Business: Insurance

- Tracked project progress, defined deliverables and pursued project issues in weekly meetings alongside clients' project supervisor who were mostly board members.
- Analysed and developed an automation system for issuance and loss for various insurance companies using java technologies: AppFuse, Spring Framework, Hibernate and JSF.
- Suggested features and workflows to Clients' managers and senior staffs.

EDUCATION

2013
to
2015

MS: Knowledge Engineering

Amirkabir University of Technology, Tehran (Iran)

<http://aut.ac.ir/aut/>

2003
to
2008

Bachelor: Software Engineering

University of Tehran, Tehran (Iran)

<http://ut.ac.ir/en>

SKILLS

LANGUAGES

▪ Persian: Native

▪ English: Business Level

WORK SKILLS

▪ Python
▪ Jupyter Notebook

▪ Java
▪ Apache kafka

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- Machine Learning
 - Data Mining
 - Spark Straming
 - Pyramid
 - SQLAlchemy
 - Pandas
 - Scikit-Learn
 - SQL
 - DAX

- Linux
- Spring Framework
- Hibernate
- RabbitMQ
- Apache Mina
- Software Design
- Agile Methodologists and Scrum
- Design Patterns