Mohammad Efazati

· 343 Bakhtiari St, Resalat Sq, Tehran, Iran
· +989120259251 · Mohammad@efazati.org
· Date of birth: September 21, 1989
· Male · Married
· Develop more than 11 years

· **Full Stack Developer** · **DevOps Engineer**

https://linkedin.com/in/efazati/

Skills

Languages
Expert: **Python** (8+ years)
Intermediate: Javascript, Scala, PHP, Node, Golang, Bash script
Novice: Pascal, Ruby, Delphi, Java, Solidity, C++ and so forth

Databases
MongoDB, MySql, PostgreSql, Redis, Sqlite, Neo4j, Cassandra, ArangoDB, Elasticsearch, Solr

OS
Linux (Ubuntu, Debian, Archlinux, Fedora)

Frameworks and Library
Django, **Flask**, Django Rest Framework, Jinja, PyQt, PyGtk, Sqlalchemy, Pytest, Mongoengine, Zend Framework, Numpy, Wtform, **Backbonejs**, Telepot, Vuejs, Celery , Akka, Click, Scrapy and etc

Other
Nginx, **Uwsgi**, Git, Hg, Kafka, Docker, Docker compose, ZeroMQ, RabbitMQ, Spark, kubernetes, Emacs, GPIO, Gremlin, HMMs, Text processing , POS Tagger, NER, Graph analysis, Kibana, Gitlab CI, Subversion-svn, SQL, OOP, MVC, Design pattern, **Unit-test**, Microservice, SOA, DDD, TDD, ZFS, GridFS, Cryptography, Diffie-Hellman, DB Replication, Server clustering, Blockchain and etc.

Experience

Noavaran Saramad Sharif, Tech Lead and DevOps *Tehran, Iran* (July 2017 - Present)

Technologies: Python, Django, DRF, Vuejs, Docker, Kubernetes, ELK, Postgresql, Encryption, TDD

Responsibilities: Understand and predict project needs and based on that Design projects architecture, microservices workflow and, design databases schemes Also develop main part of projects and manage the team to achieve the project goal.

- *Mobank wallet* online payments system that supports online money transfers and serves as an electronic alternative to traditional paper methods like checks and money orders. http://mobank.co (integrated with government banks)
- Customize Open EDX for local E-learning system http://derayatacademy.com/
- Design and Develop E2E encryption layer that handles multiple security issues like MITM, key exchange and ...
- Create and maintain a productive working environment like Kubernetes, Jenkins, Gitlab for development teams

Ravanertebat Asr, Software Engineering Director *Tehran, Iran* (January 2013 - July 2017)

Technologies: Python, Flask, MongoDB, Cassandra, Mysql, Linux, Golang, Backbonejs, Redis, Celery, RabbitMQ

Responsibilities: manage a team (30 developers), Analysis ideas and design architecture , workflow of modules and, create the main backlog for junior developers also develop main part of projects depend on a deadline and complexity.

- *ARGUS* network and sensor monitoring solution http://www.argus-nms.com
  Used by the leading mobile telecommunication operators including MTN Irancell for monitoring 1M sensors per second also Used in factories like *KHPC* for monitor 10,000 sensors per second
- *3D Printer* The first Iranian 3D printer software over Raspberry Pi with DLP Tech https://www.nanodlp.com
- *Mazanex* Currencies, gold and stocks market monitoring with more than 6M daily visits http://mazanex.com
- *BAB* Marketplace for Iranian shops with more than 8K websites http://bab.ir also used for *Itzar* biggest Iranian gold market http://itzar.ir
- Summarize news and articles with Tf-IDF http://www.matnak.com/
- Automated Test Huawei CBS for E2E and UAT level
- *Raspino* Raspberry Pi based projects like car plate reader based on OpenCV, Smart TV based on Kodi
- *Ketab Name* Largest Iranian social network for book readers that suggest a book based on activities graph
- API wrapper for booking flight tickets and other transportation systems (similar to Amadeus)
- The Managing more than 30 servers contain Nginx, uWSGI, Git Repository, and GitLab CI, monitoring and backup, DNS and troubleshooting, hardware upgrading, disaster recovery, etc.
- Wikipedia analysis, detecting personal pages, creating graph relations and running Word2Vec for texts
- Various types of crawlers for crawling blogs, news websites, and social networks also Monitor all Iranian news, de-duplication and merging, detect events and ... http://www.khabarist.com/
- Consultant in *Khak co*. and help them as Tech lead (2015 - 2017)
  - *Nahal Name* - User management and SSO system
  - *Khatkhan* - EBook reader client for mobile - also integrated with Nook
  - *Pooshe Name* - File sharing service based on DFS
  - And other systems like Mail, Calendar, VOD film service and etc

Bayan, Senior Developer *Tehran, Iran* (September 2010 - december 2012)

Technologies: Python, Django, Flask, MongoDB, Backbonejs, Werkzeug

- Design and implementation
  - complete blogging service from preliminary stages http://blog.ir and file sharing service http://bayanbox.ir
  - web-based user interface for metasearch engine http://salam.ir
  - comprehensive statistics and monitoring service
  - Bayan Single Sign-On (SSO) service http://bayan.ir
  - complete email solution from preliminary stages http://hod.ir
  - Design, Development, and management of many other projects such as comprehensive log system solution, ORM, web framework, payment infrastructure, user plans system, etc.

Sepehr Andisheh Javan, Senior Developer *Tehran, Iran* (January 2010 - August 2010)
- LMS with SCORM methods
- Tehran Short film festival
- Web-based ERP system with Site maker

Farzan Institute, Developer *Tehran, Iran* (February 2009 - December 2009)
- *Farasa* - Customization of LMS Moodle http://farasa.net
- *Sanje* – A Platform for Evaluation of Medical Articles and Magazines http://sanje.ir
- *Faradata* - Clinical/Pharmaceutical Studies and survey http://faradata.net

Miscellaneous (2007 - Present)
- *Pahlevon* - Telegram Based Game - with more than 200K player
- *Iranatrip* - booking platform for adventure and sightseeing in Iran
- Analysis, design, and development of Iranian Mobile Markets
- Implementing more than 50 websites for companies and institutes also start more than 50 ideas MVP project
- *Minerfarm* – Developing a Blockchain system and creating a shareable farm
- Tehran Municipality IT Department Internal website
- Consultant
  - Ministry of Energy - HSE Passport
  - Ministry of Culture and Islamic Guidance - Big Data platform for multi-purpose usage
  - Islamic Republic of Iran Broadcasting - speech to text for search content by text
  - More than 10 small companies for software architecture and scalable solutions

Education

Tehran University *Tehran - Iran* (2009 - Uncompleted)
- Bachelor of "Software Engineering"

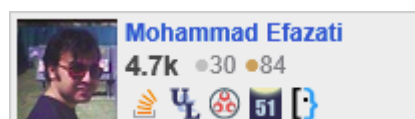**National Organization for Development of Exceptional Talents -** *Tehran - Iran* (2002 - 2009)
- High School (Mathematics field)
- Middle School

Related Volunteer Experience

- *Tehran Linux User Group* – Co-founder Tehran - Iran (2009 - Present)
- *IrPycon* Iranian Python Programming Community- Founder Tehran - Iran (2014 - Present)
- *Salam Donya* (Hello World) magazine; the first free software magazine – Editor-in-chief Tehran - Iran (2016 - 2017)
- Free Software Congress *ZConf*- presenter, referee, and member of editorial board Zanjan- Iran (2011 - 2016)
- Many open source project like Mongoengine faster SDK, *Satl* file-based database to store document, screenshoter from a website and ArangoDB driver for more project see Github

Resources
- https://github.com/efazati
- https://stackoverflow.com/users/471397/efazati

references available on request