HAMED ZAREI

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RESEARCH INTERESTS

- Event Driven Architecture
- Performance Tuning
- Natural Language Processing
- Deep Learning
- Security

EDUCATION

BSc in IT

Amirkabir University of Technology, Tehran, Iran

▦ 2012/09 – 2016/09

WORK EXPERIENCE

Backend Team Lead at map.ir (Shiveh)

▦ April 2017 - Present

- Major Responsibilities:
  - Managing team and team performance
  - Managing git
  - Collaborate with other leads
  - Teammates code review
  - Coaching junior members
- My-Map Project: Map with your data
- Map Project: map.ir and API Service
  - over 10 million requests per day
  - over 50 services connected using microservice architecture and event driven architecture
- Sina Porject: sina.post.ir, gnafapi project for Post
- Some Projects:
  - User Management and App Registration and API Gateway System
  - Searching on Iran postal-codes and parcels using postgresql below the 50 milliseconds
  - Live Tracking using mqtt protocol
- Technical View:
  - Languages and Frameworks: PHP(Lumen), Python(flask, django), Java, Kotlin(Ktor), CSharp(dotnet core)
  - Databases: Postgresql, Redis, Elasticsearch
  - DevOps: Docker, Docker Swarm, GitLab CI/CD
  - Other: LUA programming language, RabbitMQ, Kafka, ELK Stack
- Sample Projects for API at Github, written in php, java, csharp

DevOps at Domus Group

▦ May 2020 - Present

- It has 2 main apps:
  - mapsa
  - tankhahgardan
- Technical View: Docker, Docker Compose, shell script, php
- Some Projects:
  - MySQL Replication
  - Monitoring using prometheus, influxdb, grafana

Backend Developer at telebourse

▦ Dec 2020 - Present

- Technical View: PHP(lumen), MySQL

Backend Developer and DevOps at Omid Investment Bank

▦ Nov 2019 - Dec 2020

- Projects as Backend Developer:
  - *Data exchanger* by rabbitmq from market to different services
  - *Authentication/Authorization service* using django, jwt, openresty, lua, docker
  - *Crawler* using python scripts, mssql, django
  - *Alarming* using dotnet core, mssql, firebase, angular
  - *Forecasting stocks' markets* using python, deeplearning
- Projects as DevOps:
  - *CI/CD* using GitLab CI/CD, Docker
  - *Monitoring* using ELK Stack
- Technical View: PHP(lumen), MySQL

Freelancer

▦ Oct 2015 - present

- Some Projects:
  - *Persian Coin Trade*
    - DevOps: GitLab CI/CD, Docker, Docker Compose
    - Backend: PHP(Lumen), Postgresql
    - Frontend: Reactjs
  - *Faradid CI* using GitLab CI/CD, Docker, Docker Compose
  - *Software Quality* using Java, MySQL

TECHNICAL SKILLS

- **Backend Development**
  PHP(Lumen), Python, .NET Core, GoLang, Java, Kotlin
- **Databases**
  PostgreSQL, Redis, ElasticSearch, MySQL
- **Frontend Development**
  Angular, React
- **Operating System**
  GNU/Linux, Windows
- **Other**
  Git, Docker(Docker Compose, Docker Swarm, gitlab.ci), Brokers(Rabbitmq, Kafka), AI(Data Mining, Natural Language Processing, Deep Learning)

LANGUAGES

Persian: Native
English