



Mohammad Hossein Heidari

Senior Software Engineer

Experienced software engineer with a demonstrated history of working in the computer games industry.

+90 543 306 3480

0xc0d3d00d

mdh.heydari

Istanbul, Turkey

mdh.heydari

mdh.heydari@gmail.com

mdhheydari

SKILLS

Go

PHP

MySQL

Redis

PostgreSQL

Elasticsearch

MongoDB

Javascript

Docker

Kubernetes

GCP

AWS

Agile

SCRUM

OKR

EXPERIENCE

Full-stack Developer

L'île des Médias / ViaDirect

03/2019 - Present

Paris, France (Remote)

ViaDirect is an interactive solution that guides and informs visitors of public places.

- Responsible for integration of their products with Google Calendar.
- Standardized APIs using RFC3339 to support different time zones across the globe.
- Optimized code on VDLights embedded boards.

Co-Founder and CTO

Quiz of Kings

04/2015 - 10/2018

Tehran, Iran

Quiz of Kings is a social trivia mobile game. It has 18M+ registered users and 2.5M+ monthly active users.

- Lead architect designing several grpc microservices via *Gin*, *Vitess*, *Redis* and *etcd*.
- Migrated legacy *PHP* code to *Go* and changed the architecture from monolithic to microservices.
- Designed and deployed a large scale sharded *MySQL* database (over 200 nodes) using *Vitess*.
- Designed and developed a cheat detection system which uses many factors to find potential cheaters and ban them.
- Built fully automated CI/CD pipelines via *Gitlab CI* for testing and deploying containerized applications to Kubernetes.
- Built a data analytics system based on Hadoop and Spark to run A/B tests and targeted discounts.
- Helped implement best practices such as version control (*Git*) and code standards.
- Implemented *Agile* methodology to achieve team success in a highly dynamic environment.

Software Architect

Snappfood

06/2014 - 04/2015

Tehran, Iran

Snappfood is the leading online food ordering company in Iran.

- Designed and Implemented *RESTful API* server for web and mobile application via *Symphony2*, *MySQL*, and *Redis*.
- Migrated all of data from Microsoft SQL Server into Galera Cluster for MySQL.
- Redesigned and migrated legacy code in ASP.Net to PHP.
- Implemented *geographic/geometric algorithms* to define restaurant delivery zones, delivery fees, etc.

Mobile Application Developer

Turned On Digital

10/2013 - 06/2014

Tehran, Iran

TOD is a full service mobile services agency based in the UK and the ME.

- Worked on a multi-platform Javascript mobile application made with Titanium SDK.

EDUCATION

BSc in Computer Engineering

Amirkabir University of Technology

Aug. 2012 - Aug. 2016

Tehran, Iran

(Incomplete)

- Aug 2014, 1st Place in Humanoid Robots Technical Challenge (International Robocup Competitions 2014, Brazil)
- Nov 2013, 1st Place in Standard Platform League Robots (AUTCUP 2013, Iran)
- Nov 2012, 2nd Place in Standard Platform League Robots (AUTCUP 2012, Iran)