
AMIRMOHAMMAD KARAMZADEH

Tehran, Iran • +989033887354 • amirmohammadkmzh@gmail.com



Backend Developer

Interests

Web Development

DevOps

Backend Developer

Automation, provisioning, Containerization

Cloud Computing

Serverless Computing, FaaS (Function-as-a-Service), Reducing Cold Starts latency

About Me

I love to learn more about technologies. So I spend lots of time reading articles about new trending technologies, I am willing to learn new skills and have many existing ones to offer. I am an avid backend developer and I'm searching for new challenges to extend my abilities. I am a good listener and learner, able to communicate well with a group and on an individual level

Contact Me

Gitlab

Github

<https://gitlab.com/amirmohammad>

<https://github.com/amirkmzh>

Outlook

Gmail

amir-mohammad@outlook.com

Amirmohammadkmzh@gmail.com

Work experience

2018 - 2019

Backend Developer

Phoenix (Pishro Negah Xarin)

developed backend of projects using Node.js, Express.js, MongoDB and MySQL

portfolio

2021 - 2021

LifeAcademy app

Webartma

Motivation Mobile Application - <https://zendegiacademyapp.ir/auth/login>

2020 - 2020

7#

Webartma

Online agency for job seekers. (failed)

2019 - 2019

HiCall

Phoenix

Contacts Application published in Cafe Bazaar

2018 - 2019 Phoenix Push Notification
Phoenix
Firebase Cloud Messaging interface used node-gcm package

Education

2016 - 2020 B.Sc. in Software Engineering
Shahid Chamran University, Ahvaz, Iran
Thesis: "Design and Implementation of a Function as a Service (faas) platform with monitoring it"
the goal of the research was deploying serverless architecture in the university. We deployed openfaas as the faas provider on a Kubernetes cluster with 1 master and 2 worker nodes. Our main challenge in the project was breaking all the sanctions against Iranian people. We setup a monitor service using Prometheus and Grafana for monitoring openfaas services.

2020 - now M.Sc. in Software Engineering
Shahid Beheshti University, Tehran, Iran
Thesis: "Mitigating Cold Starts in Serverless Platforms"

Technical Skills

Programming Languages

JavaScript (ES2015, ES2016, TypeScript), Node.js (Express.js),
React Native, Python, MATLAB

DBMS

MySQL, MongoDB

Virtualization, Containers and Provisioning

VirtualBox, Docker, Vagrant

Container Orchestration

Kubernetes

Operating Systems

Linux (Debian, CentOS, Ubuntu), Windows

Source Control

Git

Data Science

ORM - ODM

Complex Networks

Mongoose - Sequelize

Software Testing

TDD - Unit Testing (Mocha, Chai) - Test Coverage Metrics

Academic Experience

2020 - 2020 Teacher Assistant for Languages Theory and Automata
Shahid chamran University of Ahvaz
lecturer: Mahmoud Farokhian

2018 - 2019 Teacher Assistant for Languages OS Laboratory
Shahid chamran University of Ahvaz
lecturer: Vahid MohammadSaffarZade

2018 - 2018 Teacher Assistant for Logic Circuits Lab
Shahid chamran University of Ahvaz
lecturer: Mahmoud Naderan

2019 - 2019 Teacher Assistant for Discrete Mathematics
Shahid chamran University of Ahvaz
lecturer: Mehdi Eskandari

2017 - 2019 Teacher Assistant for Data Structures
Shahid chamran University of Ahvaz
lecturer: Elham Nikookar, Shokooh ShaliAhmadi

Courses

2020 - now English Course
Safir Language Institute
TouchStone 3, 4

2012 - 2013 English Course
Iran Language Institute
Pre-Intermediate, Intermediate

2006 - 2011 English Course
Tehran Language Institute
Let's go series + Interchange 0 & 1

Language Skills

Persian

English

Native

Upper Intermediate

Soft Skills

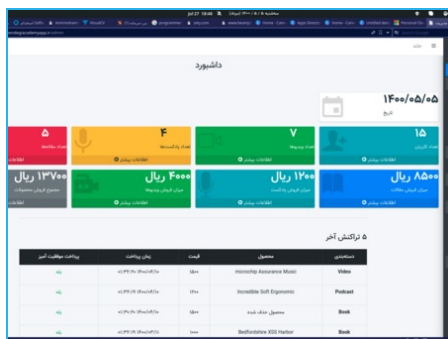
open-mindedness

creativity

Teaching

Team Work

Portfolio



Zendegi-Academy Application