Homayoon Alimohammadi

Software Engineer

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Tehran, Iran

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I'm a passionate and hard-working **Software Engineer**. Focused on learning and improving every single day. Interested in **Site Reliability Engineering, Cloud Architecture, DevOps** and **Machine Learning**.

WORK EXPERIENCE

Software Engineer
Divar ☑

09/2022 - Present   *Tehran, Iran*

Achievements/Tasks

- As a **Site Reliability Engineer** and a member of a **Core** team, I participated in various **Backend, CI, Reliability** and **Monitoring** tasks.

Software Engineering Intern
Divar ☑

07/2022 - 09/2022   *Tehran, Iran*

Achievements/Tasks

- Ranked top **25** amongst +3300 participants in the [Entrance competition](#).
- As a team of 5, we managed to develop a **Django Web app**. Due to my hard work and compatibility with the company's high standards, I managed to be the only individual that gets **hired** early as a **Software Engineer**. Not after the Summercamp, but right in the middle of it.

AI Developer
Research Center of Nanostructured and Advanced Materials (CNAM) ☑

05/2021 - 06/2022   *Tehran, Iran*

Achievements/Tasks

- Participated in **2 journal papers** regarding use cases of **Machine Learning** in Materials Science.

Machine Learning Developer
AI-Medic ☑

01/2021 - 11/2021   *Tehran, Iran*

Achievements/Tasks

- Trained a CNN for **semantic segmentation** of MRI images with the help of **PyTorch**. Also utilized **TensorFlow** to compare and experience the same workflow. Used technologies such as **Numpy**, **Pandas** etc.

EDUCATION

BS in Materials Science and Engineering
Sharif University of Technology ☑

08/2018 - Present   *Tehran, Iran*

High School Diploma
Allame Helli 1 ☑

08/2014 - 08/2018   *Tehran, Iran*

SKILLS

Golang · gRPC · Python · Django · Flask · FastAPI · Django Rest Framework · SQL · NoSQL · PostgreSQL · MongoDB · Redis · Docker · DevOps · Kubernetes · helm · Design Patterns · Object Orientation · Agile Methodology · CI / CD · HTML, CSS, JavaScript · Machine Learning · Numpy · Pandas · Scikit-Learn · Keras · PyTorch · Tensorflow · Data Science and Analysis

COURSES

Software Engineering and DevOps (2022)
[Coursera](#)

Docker and Kubernetes
[Udemy](#)

Data Engineering Nanodegree Progam (2022)
[Udacity](#)

The Complete SQL Bootcamp (2022)
[Udemy](#)

Software Engineering (2022)
[edX (UBC)](#)

Blockchain Technology (2022)
[edX (UC Berkeley)](#)

CS50's Web Programming with Python and JavaScript (2022)
[edX (Harvard)](#)

Data Structures & Algorithms with Python (2022)
[Udemy](#)

Django and React Integration (2022)
[Udemy](#)

Backend REST API with Python and Django (2022)
[Udemy](#)

Django & Django REST Framework (2021)
[Youtube](#) - [Youtube](#)

Machine Learning and Data Science (2021)
[fast.ai](#) - [Coursera](#)

LANGUAGES

Persian
Native or Bilingual Proficiency

English
Full Professional Proficiency