Amirhosein Farhangian

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ROLE LOOKING FOR

Backend Developer

ABOUT ME

I am currently in my third year pursuing a Bachelor's degree in Computer Engineering at the University of Isfahan. Alongside my academic journey, I worked for 8 months as a backend developer at AlmubdieunTech. Throughout this period, I gained efficient experience and honed my skills in multiple programming languages, attaining expertise, especially in Python.

JOURNEY

My programming journey, starting in 2020, has had its share of challenges and successes. As I delved into backend development with my first real project, PixelyAI, I encountered obstacles in interconnecting apps and models. Overcoming issues like connecting websockets on different ports, I implemented Nginx as a reverse proxy. To streamline the deployment of various components, including Django, Postgres, Redis, and a Telegram bot, I opted for Docker. I wrote a docker-compose file to package all containers, making the project ready for deployment.

In my University of Isfahan database course, I dedicated considerable effort to mastering SQL languages due to their significance. For the course's final project, I created a Rental System using MySQL and Python. Further details about this project can be found on the projects section.

SKILLS

Python Expert
Django Framework Pro
Django Rest Framework Pro
MySQL Pro
Git Expert
Baceknd-Operations eg:
   - Docker
   - Nginx
   - Redis
Ubuntu Server User
Familiar with:
   - Web Sockets
   - Tensorflow
   - Numpy
   - Pandas
   - Scikit Learn
   - HTML
   - C++
   - JavaScript

EXPERIENCE

ALMUBDIEUNTECH L.L.C.
Backend Developer, Part Time
October 2023 – February 2024
Skills: Python, Django, Django Rest, Docker, Git, MySQL, Redis, Ubuntu etc.

ALMUBDIEUNTECH L.L.C.
Backend Developer, Internship
August 2023 – Oct 2023
Skills: Python, Django, Django Rest, Git, Ubuntu, HTML, JavaScript etc.

UNIVERSITY OF ISFAHAN
Computer Architecture Teaching Assistant
January 2023 – June 2023
Skills: Teaching, Verilog, VHDL, Java

EDUCATION

UNIVERSITY OF ISFAHAN
September 2020 – Present
Isfahan, Isfahan, Iran
Bachlor's Degree
Ranked second among houndred students with GPA of 3.81
Skills: MySQL, C++, ML and AI Tools etc.

PROJECTS

PIXELYAI
AI powered website, backend is applied by Django, Django Rest, Docker etc.

www.pixelyai.com

RENTAL SYSTEM
CLI Project Implemented with MySQL, Python, and Pandas

www.github.com/amirh-far/Rental-System

ASH-BASH
Shell in Unix Implemented with Python

www.github.com/amirh-far/ash-bash

MNIST DIGIT CLASSIFIER
Digit Classifier Trained by 60k Images, Implemented with Python, Numpy,Matplotlib etc.

www.github.com/amirh-far/MNIST-digit-classifier