Mohammadreza Amani

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EDUCATION

PolyTechnic University of Technology (AmirKabir), Tehran, IRI
Bachelor of Science, Computer Science, Dec 2020   GPA: 3.6

EXPERIENCE

Farmina   Co-Founder and Developer
June 2023 - now   Tehran
AI-Based Assistant for Farmers and Gardeners include Django-Backend, INUI(React) frontend for website, INUI (react-native) frontend for Android and IOS and INUI (electron) for windows and Linux

Thrita-Tech   Back-End Developer
Nov 2022 - Nov 2023   Tehran
Tritatech is an active institution in the field of physiotherapy and artificial intelligence, which is trying to improve the quality of medical services by providing many innovations. I have been working as the technical supervisor of the back-end and DevOps team at Triatech.

Prav-Sass   Back-End Developer
Feb 2022 - Nov 2022   Tehran
Django Backend Developer for Prav-Sass Company

COMPUTER SKILLS

Main skills: Django, DRF, Docker, kubernetes, GO, INUI, Redis, Celery, PostgrSQL, FastAPI, HTML, CSS, Gin, ORM. Git, Rust

Worked with: Kafka, MongoDB, NginX, RabbitMQ, Foundation, Numpy, Pandas, Scikit-learn, Matplotlib, PyTorch, Tensorflow, Keras, OpenCV, Hazm, Kivy, KivyMD, Java, C, C++, Julia, Vuejs, Angular, MySQL, Next.js, React

Voluntary activities

VOLUNTARY ACTIVITIES

CS50x Iran   Member of Scientific Team
Mar 2023 - Jul 2023   Tehran
CS50x Iran Harvard's Introduction to the intellectual enterprises of computer science and the art of programming in Iran

CWS   Member of Scientific Team
Dec 2021 - Aug 2022   Tehran
CWS event is the second of the series of computer science and engineering which is planned and held by the 16th round of scientific association of mathematics and computer engineering faculty.

UNILAND   Back-End Developer
Dec 2022 - Jul 2023   Tehran
Backend Developer in UniLand Project for AmirKabir University of Technology.

PROJECTS

INUI: Powerful and Highly Customizable Python FrameWork for UI, It's allow Back-End developer and everyone who knows python, write full Front-End of their application or websites using python Quickly.   GitHub

LinCut: URL-Shortener website written in Django and FastAPI as Back-end and INUI (bootstrap) as front-end.   GitHub

Pure-Messenger CLI realtime chatapp written in pure python. (include Server and Client) GitHub

Farmina: AI-Based Assistant for Farmers and Gardeners include Django-Backend, INUI(React) frontend for website, INUI (react-native) frontend for Android and IOS and INUI (electron) for windows and Linux underDevelopment-not available

Roomify: reservation system Back-End via Django. GitHub

UNILAND: A highly modular and diverse Telegram Bot for universities and institutions written in python. This is the effort of a group of eight CS students at AUT. GitHub

US-Messenger: Django and INUI based Messenger GitHub

Mosic: Music Player website written in GoLang GitHub

GoGrep: Go implementation of Grep module in linux GitHub

ThritaTech Backend: Backend of Thrita-Tech physiotherapy website for ThritaTech company Codes Not Available

AruShop: Ecommerce Website written in django and INUI for Arukala shop (something like Amazon) GitHub

Instago: Django Instagram Clone with INUI Front-End GitHub

Django DigiKala clone: Django Digikala Clone with INUI Front-End GitHub.

Django Amazon clone: Django Amazon Clone with INUI Front-End GitHub.

Java BattleShip: Simple battleShip Game written in Java GitHub.

MA FileManager: Browser Based File Manager written and File server written in FastAPI and INUI as Front-End. GitHub.

JBeautiful date: Simple and nice python library for working with jalali date-time. GitHub.

Python-Mag: persian python book. GitHub.

HamSpam: simple Email HamSpam classifier for Persian language using NLP. GitHub.

PDF-converter: Simple Python library for work with PDF in Python include, PDF to Speech, PDF to text, PDF to DOCx, PDF text Extractor and image OCR. GitHub.

TextToSpeech: Python Program for Android and Desktop that get a text and read it aloud, just this. written in Kivy and Kivy-MD GitHub.

Other project: There is many projects available on my github, if you are interested in projects you can check them. My-GitHub.

Updated in Nov 03 2023,