Arsham Arya
Full Stack developer

Result-oriented Full Stack developer with 4+ years of experience focused on automation bots, crawlers, and blockchain.

- ✉ arshamalh@gmail.com
- 📍 Tehran, Iran
- in linkedin.com/in/arshamalh
- 📱 +989309498445
- 🔲 arshamalh.com
- ⌨ github.com/arshamalh

WORK EXPERIENCE

Full Stack developer
SISHEMI

11/2021 - Present

Achievements/Tasks

- Developing a Bot colony with over 1000 bots nicely working together, and an admin panel to control bots using FastAPI, Next.js, MongoDB, Docker, and more.
- Scrapping over 5 million pages from 10 different websites using Scrapy, Puppeteer, etc.
- Optimizing schema, queries and application architecture of large-scale PostgreSQL and MongoDB databases with over 1 billion records which increased insertion speed by 50x.

Full Stack developer
Coinvela

01/2020 - 08/2021

We were a small team working on Coinvela that is a trade assistant bot with 15+ services mostly in Nodejs.

Achievements/Tasks

- Designing a price alert service lets users set alerts on different prices for any crypto.
- Creating an automatic trade system that can automate user trades depending on followable signals and strategies which other users defined.
- Developing a real-time watchlist service working through Telegram UI.
- Developing a crypto wallet that supports BTC, ETH, TRX and integrating it to other parts of the app.

EDUCATION

Associate Mechatronic Engineering
Arak university

09/2018 - 09/2021   *GPA: 3.4/4*

Achievements

- Increasing calculation speed of Shaft diameter & Gear module by a factor of 336x and removing paper calculation using some Python scripts.
- Decreasing selection time of satisfied Bearing code, Belt code, and Sprocket code from 6 days to 10 minutes by writing some Python scripts.
- Leading toymaker team to make IoT devices and automate mechanical devices.
- Honored of being the 1St among 600+ students in university.

SKILLS

Node.js JavaScript Typescript Express.js Socket.io Python FastAPI Django Go Docker SQL PostgreSQL MongoDB Redis RabbitMQ Blockchain Ethereum Cryptocurrencies Solidity Selenium Scrapy JQuery HTML/CSS

PERSONAL PROJECTS

Artemis Auto-trader bot (03/2020 - 06/2020)
- Takes any strategy, connects to exchange, and do trades.
- Fully manageable through a web UI Interface.
- Tech used: Node.js & Typescript for backend, JQuery & Socket for frontend.

Norotech (08/2021 - 10/2021)
- Youtube channel to share my knowledge.

Kickstarter dapp (02/2020 - 03/2020)
- Making a decentralized version of Kickstarter that maintains a global crowdfunding platform focused on creativity.
- Tech used: Next.js, Web3.js, Metamask, mocha.js.

Lottery dapp (01/2020 - 02/2020)
- A lottery dapp capable of getting some amount of ETH and sending all of the received ETH to a single random address.
- Tech used: React.js, web3.js, mocha.js.

Automation bots (01/2018 - Present)
- Automating the registration process of more than 10 thousand people on 5+ websites.
- Tech used: Selenium, Puppeteer, etc.

Telegram bots (01/2018 - Present)
- Making lots of different telegram bots in different languages such as Go, JS, and Python to make money as a freelancer.

LANGUAGES

English
Full Professional Proficiency

Germany
Limited Working Proficiency

Persian
Native or Bilingual Proficiency

Luri
Native or Bilingual Proficiency

Arabic
Limited Working Proficiency