Sam Ali

Software Engineer

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Experience

Senior MERN Stack Developer: Toptal

Mar 2022 - Present, Contract

- Working with a Fortune 500 company on an internal product. Not able to share more here, DM me for more contact info.

Skills:

API Development · Product Development · Front-End Development · Back-End Web Development · Netlify · Heroku · Test Driven Development · Quality Assurance · Code Review · Team Leadership · REST APIs · Mobile Applications · Express.js · React.js · JavaScript · MongoDB · Django · Node.js · Python (Programming Language)

Lead Software Engineer: Gaper.io

Mar 2018 - Sep 2022, United States

Skills:

API Development · Product Development · Front-End Development · Back-End Web Development · Team Leadership · REST APIs · Mobile Applications · Express.js · React.js · JavaScript · MongoDB · Django · Node.js · Python (Programming Language)

Software Engineer: Mezino Technologies

Apr 2017 - Sep 2022

Responsibilities:

- Writing automated jobs for detecting camera status, alarms and status alerts and downtime, etc.Converting Existing projects from Python2 to Python3
- Improving and writing multiple data retrieval APIs
- Implementing Machine Learning Algorithms to forecast sales and remove footfall ghost counting
- Designing and creating Dashboards and mapping wireless routers footfall with camera footfall on generic cut off
- Designing database and converting projects from monolithic architecture to microservices based architecture for performance enhancement
- Providing technical scraping services for over 7000+ sites of equity markets, funds, cryptocurrency, social platforms, podcasts, and new channels etc.

Skills:

python 3 · python 2 · MVC · MVT · C++ · Selenium · Flask · Data Science · Django · Python (Programming Language)

Skills

Python 3

MVC

MVT

C++

Selenium

MERN Stack

Flask

Scrum

API Development

React.js

MongoDB

Back-End Web

Netlify

Heroku

Express.js

Code Review

Linux

Redis

Next.js

Experience

Python Developer: Byonyks

Jan 2022 - Mar 2022, Contract

- Worked on a state of the art bloodless dialysis machine. Designed and developed User Interface for the complete product that has to be used by doctors for critically ill patients.
- Can't share much here. DM me more for further details.

Skills:

Internet of Things (IoT) · Python 3 · Python 2 · Flask · Scrum · Quality Assurance · REST APIs · React.js · MongoDB · Django · Python (Programming Language)

Senior Software Engineer: Meetingmap

Sep 2021 - Feb 2022, San Francisco Bay Area

- As a Senior Software Engineer, I devised algorithms and explored technologies suitable for introducing new features on the company's website. I also designed database architecture, developed APIs and integrated them on the frontend for making individual functional units and modules as well.
- Worked on a scrapping engine to scrap 7000+ websites and then sort the data to present it in a dashboard format.
- Worked on anti-scrapping APIs to provide seamless stream of data through scrapping.
- Used Python scrappy framework to develop multiple scrapers.
- Used Swagger & OpenAPI for APIs documentation to enable scaleable growth for scrapper engine APIs.
- Developed data stream pipelines on AWS servers to provide run time scrapping data for the business dashboard.
- Use Agile to develop a continuous release deployment cycle for an iterative approach for the scrapping engine development.

Senior Software Engineer: Curenta

Jan 2021 - Aug 2021, United States

- As a Senior Software Engineer, I devised algorithms and explored technologies suitable for introducing new features on the company's website. I also designed database architecture, developed APIs and integrated them on the frontend for making individual functional units and modules as well.

- Worked their internal dashboard

Education

Bachelors of Computer Sciences - Miami University

First Class Honors, 2012 - 2016, Miami

Projects

Application to track buddies and kids live globally

Android Based.

DiviAi (San Francisco, USA)

Python, Scrapy, Selenium, Swagger UI, AWS

FootMetrics

Microservices on GCP

FootMetrics

Worked on Python, Django, Scrapy, Selenium, Lxml, Beautiful Soup, APIs, Postman, Google Cloud Platform.

FootMetrics POS Integration

Worked on Python, Requests, RESTful API, MS SQL Server, PostgreSQL, Toad, Oracle DB.

Gaper MERN Stack Training Program

Python, Django, Google Cloud Platform (App Engine, Cloud Functions, Pub/Sub)

Indoor Positioning System

Android Based

Infusion Analytics (Florida USA)

Python, PyQt5, Raspberry Pi

Remote Team Management Suite

Node.js, React.JS