Aseani Miller's FullStack Resume

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Portfolio: aseanimiller.io

Profile

I'm a Full Stack developer who can program in both Python and Javascript. My stack is Reactjs, Nodejs, Python Fastapi and Linux Operating system.

Relevant Skills

- **Experience with Javascript programming**   **February - 2020**
  <u>React Js Experience</u>
   Created a mock search engine with a simulated api get request that recommends results based
   on what you've typed in the search engine.
   Frontend of Enigma Machine is built purely with Reactjs Front end - link : https://enigmasean.netlify.app/
   React Component Based Architecture has really taught me a lot about the importance of damage control in your code, with this model one bug in your code
   just affects one component and not the entire program.
- **Python Programming with various projects on github**   **August-2020**
  <u>Experience with Linux operating system</u>
   Creating files, making directories, installing and updating software via terminal on linux chrome os
   i've learned alot from using this version of linux, the problems are very rare and hard to find easy solutions, the experience from using it has helped with solving
   technical problems
  <u>Experience with FastAPI and creating api's</u>
   Creating an API endpoint and connecting it to a sqlite database
   Understanding how to return JSON data in a format that's parseable to front end developers
  <u>Tkinter GUI experience</u>
   Rendering Graphical User Interface with data that I coded in the backend
   Created a Connect Four game with this framework and added an Algorithm that determined who the winner is
- **MySQL**
   I know how to traverse the database as well as create them with MySQL workbench
- <u>**Soft Skills:**</u>
  Experience with investing and the financial markets, CAGR of 60% starting from 2018 (as of 2020)
  Very good communicator and always open to receiving feedback.

Projects

- **Digital Enigma:** In this project I took the Enigma Machine and digitized it. The Enigma Machine was a WW2 weapon used to encrypt and decrypt messages, in the source code I created the front end with Javascript and Reactjs and in the backend I utilized Fastapi library with Python. Here is the website link https://enigmasean.netlify.app also the backend was not necessary I built the API just for scale and database features in the future.
  GitHub:https://github.com/seandmiller/enigma-front
- **Lottery Game:** A game purely built with python.The object of this game is to bankrupt the opponent through a series of bets. In this project I learned how to create animations and sounds on a GUI. Technologies used for this project are Tkinter, random and pygame.
  Github: https://github.com/seandmiller/lotto

Work Experience

- Digital Enigma   Voluntary - 2022
  This project takes text and scrambles it into gibberish, we can then take that gibberish and scramble it into readable text. I had initially created this application for myself, however over time users at my workplace started using it, so I had to refine it and pre-program it to detect bugs before they get sent through the software, as well as create a much better UX/UI experience which is incredibly important. This again is utilizing FastApi for future scaling as well as Javascript React framework for the front end, link to the project.
  https://enigmasean.netlify.app/

Education

- Bottega University online coding bootcamp   January- 2022
- Google IT course - Technical Fundamentals   July 29th 2020 - Completed

Hobbies

- **Learning**
   Without this one particular hobby I wouldn't even be here, my curiosity spanned from the financial markets all the way to the technical side of most of the Businesses i've invested in
- **Swimming**
   Swimming is one of my favorite things to do as your actively working out all parts of your body
- **Watching anime**
   I tend to watch anime when I need a mental breather for a technical problem or just to get away.