Enoch Masih Portfolio

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About me

I am a recent graduate from Northern Essex Community College, and I am looking for my next challenge. My focus has been in networks and managing Microsoft servers. I have extensive knowledge about Apple products. I am knowledgeable in Python as well as Linux. Technical



Documentation is one of my strong points and I love to learn and teach along the way.

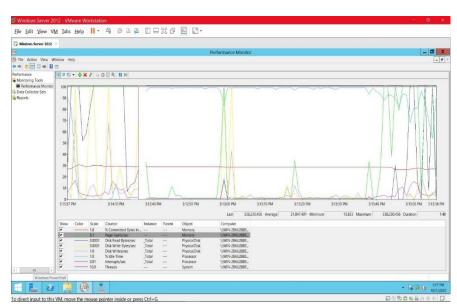
Let's Talk details

Learning is an on-going process. It is good to take a pause and appreciate how far you've come.

These are some of my professional achievements.

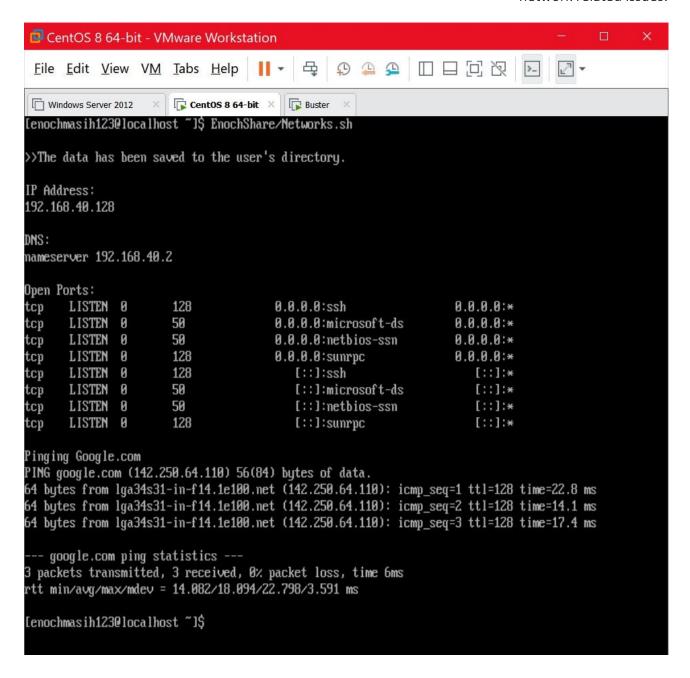
Networks

I have experience on Windows Servers, managing accounts and groups using Active Directory, as well as solving networking issues. The following is a performance monitor application running in Windows server. We can use tools such as these to diagnose issues as well as monitor the health of servers.



Programming

I see programming as an exciting challenge. Automating tasks using Linux scripts or creating an educational program in python; These are all things that I love doing. I wrote the following script for multiple Linux distribution systems. This can be helpful in identifying open ports and diagnosing network related issues.



Another project I created was an educational banking application designed to educate on good financial habits. This program not only created a small banking environment but also simulated paying loans and educated the user with curated advice on the importance of interest. I believe technology can be a powerful tool when used for good to educate others. I programmed this in python with complete documentation including flowcharts and instructions.

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*** search_account():

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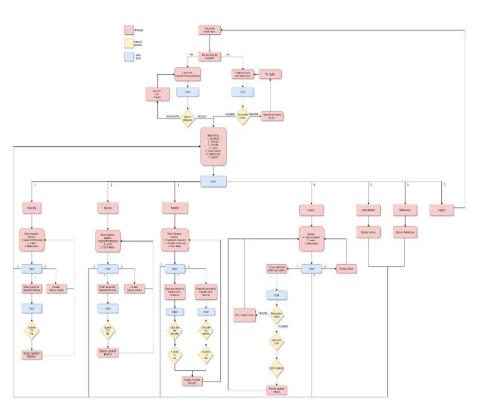
*** f.close() who we recalled leader to open we account. This function also checks that the username is unique to the individual, but n
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Security

Security in any environment should be prioritized. I have created several scripts and technical documentations about various aspect of security. I have created guides on implementing Firewalls on Linux servers. I have created system monitoring scripts that provide up to date information about the system health such as network output, disk data, and server processes. The following screenshot is the output of another security script that I created which can be set up as a Cron job. It will save a daily report as a text file showing any failed logins, any off-hour activity (in a company environment) and lastly checks for directory integrity using hash.

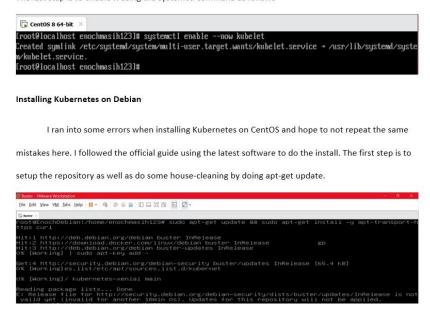
Technical Documentation

From working in the healthcare profession to tutoring Computer Science students; I have learned the importance of documenting every step of the way. I have created programming-based flow charts and technical documentation on installing various distributions of Linux servers. The following is



a screenshot of a step-by-step guide that I have written on implementing containers such as Docker and Kubernetes on Linux servers.

The last step is to enable it using the systemctl command as follows



Internship

In my last year of college, I had the opportunity to be part of an internship program offered from my college. This was incredibly beneficial in my growth. I got the opportunity to present at a Massachusetts State Conference regarding utilizing Open Education Resources, I led workshops educating college faculty on academic technologies, and solved day to day technical issues utilizing a ticketing system. I adapted and learned to approach technical challenges in an unconventional method especially during the 2020 pandemic. It gave me real-world experience in my field, and I enjoyed every part of it.



The Proof is in the GitHub

Here is a link to my GitHub.

There, you will find all my accomplishments listed above. I am proudest of my programming in python as it was challenging but also truly rewarding. I have learned to manage my time. I know the importance of punctuality and maintaining a healthy work-life balance. In the future, I am open to new experiences and challenges. So, send me an email or give me a call, I look forward to meeting