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ASPIRING PYTHON BACKEND- DEVELOPER

I'm a passionate open-source developer obsessed with cloud In a word, I went to university but ended up resigning as it was utterly worthless for me. I took a ton of online classes also achieved ICCA cloud certification from ine.com and I learn Lot of things from open source. and I have been self-learning for a very long time .

Motivation: I created FIXARR since I couldn't find any free Re-Namer when I searched for it. The most of them are paid options, but some Open-Source tools weren't functioning properly, so I had to create Free & Open-Source FIXARR You can find it on my GitHub page.

Cloud Experience

Hacking Lab | Microsoft Azure

June 2022

- Built and managed a hacking lab in Microsoft Azure to simulate an enterprise network and vulnerable machines.
- Deployed a domain controller on Windows Server 2022 and Windows Server 2019 machines using Azure Virtual Machines.
- Joined Windows 11 VMs to the domain, creating a comprehensive network environment.
- Created multiple VNETs within the Resource Group to simulate diverse network subnets.
- Utilized Azure Monitor to monitor performance and set up alerts for proactive management

Network Lab | Cisco/Palo Alto | Microsoft Azure March 2022

- Automated network changes and deployments using Python scripts and Netmiko for increased efficiency.
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- Deployed GNS3, a network emulator, in Microsoft Azure to build Cisco networking topologies for enterprise network simulations.
- Integrated Palo Alto firewalls into various network topologies and configured firewall rules and policies.

Cloud Lab | Proxmox on Cloud VPS Server | Microsoft Azure

January 2022

- Purchased and deployed a VPS instance in Azure, setting up Proxmox VE 7.0 with VPS, including host configuration, networking, and storage setup.
- Implemented two NAT Gateways—one for the router and another for the operating system—for enhanced network security.
- Successfully ran Hackintosh on the server, outperforming traditional Mac systems.
- Deployed Docker and Portainer for efficient container management.
- Improved server status and performance to ensure optimal functionality.

Media Server | Plex with Ubuntu LTS | Microsoft Azure

May 2022

- Deployed Plex media server on Azure using Ubuntu LTS VM for seamless media streaming.
- Utilized Docker for easy management and implemented a reverse proxy for improved access control.
- Transferred the domain to Cloudflare CDN to leverage DNS tunneling with encrypted connections, enhancing server and client security.

Azure AD OpenID Authentication

January 2023

- Developed and implemented an advanced authentication system for a Telegram movie bot using OpenID . Leveraged the OpenID protocol for user authentication, allowing users to log in to the bot securely and conveniently. Employed a token- based approach to store and manage user sessions directly within the Telegram platform, enhancing both security and user experience.

Azure Functions (Serverless Telegram Bot)

April 2023

- Developed and deployed a serverless Telegram bot using Azure Functions.
- Implemented resume functionality to allow users to continue conversations seamlessly after interruptions.
- Designed and implemented a state management mechanism using Azure Storage, ensuring the persistence of user conversation data.
- Utilized Azure Functions' HTTP trigger to handle incoming requests and extract relevant information for conversation initiation.
- Designed and executed the conversation flow, including commands for resuming conversations and handling user responses.
- Ensured proper error handling and graceful termination of conversations, removing conversation states from storage when needed.
- Demonstrated problem-solving skills by addressing challenges such as expired or missing conversation states.
- Collaborated with a cross-functional team to gather requirements, iterate on the bot's features, and deliver a high-quality solution.
- Successfully deployed the bot, leading to improved user engagement and streamlined communication with the target audience.

Open-Source-Projects

MULTI GPT BOT (Reverse Engineered API)

May 2023-Present

- Developed a Chat-GPT (Reverse Engineered API) bot for Telegram, integrating multiple cookies to handle user requests effectively.
- Implemented multi-threading techniques to parallelize the request processing, resulting in significantly reduced response times and improved scalability. MULTI-GPT

Credit Card Checker

July 2021

- This is a credit card checker script designed to verify the status of credit cards, determining whether they are "Active" or "Not." The script utilizes three API calls. I have plans to create a similar tool using Python and ASP, aiming to improve the functionality. CREDIT-CARD-CHECKER

MICROSOFT-EASY-AUTH

March 2023-Present

- Developed a script using the requests library and Flask framework to facilitate Microsoft authentication and render authentication keys, including access tokens, refresh tokens, and drive IDs, into an HTML template. The script enables seamless integration with Microsoft services and provides a user-friendly interface for viewing and managing authentication information. MICROSOFT-EASY-AUTH

FIXARR-MOVIE & TV-RENAMER

March 2023 –Present

- Developed "FIXARR" an open-source movie and TV show file Renamer tool with a user-friendly GUI, using Python and CUSTOM-TKINTER with TMDB API; streamlined organization and management of media files, resulting in improved user experience and increased productivity. FIXARR

STRIPE-REVERSE-CHECKOUT-SESSION June 2023

- Stripe Checkout Session (May 5, 2023): They use the XOR algorithm to obfuscate the client-side key (PK_KEY) in the Checkout URL. They also encode it, and if you want to automate something by just using a URL, you can't directly do that. I know this automatically decrypts in the browser, and you can also just grab it via Selenium or any other automation library, but it's very slow. So that's why I spent my time trying to find out this, so I just tried to brute force the correct digit (0 to 1000) because you want to find the key; otherwise, you can't do anything about that. We want to use the BITWISE OPERATOR, so my code was very simple, and I found the correct digit, which was number 5. Hak, yeah, it's a very easy key. You just want to have some understanding about this, and everything is crackable. Here is GITHUB REPO

SONICBIT.NET REVERSE API

June 2023

- Developed a Python reverse API. utilizing the `requests` library to interact with the SONICBIT.NET
- Implemented authentication, file upload, and data download functionalities, enhancing proficiency in API communication.
- JSON data manipulation and HTTP methods, ensuring seamless data flow between APIs and users.
- Orchestrated version control (e.g., Git) to manage the project's codebase.
- Integrated a Telegram bot that interacts with users. SONICBIT-REVERSE-API

Certifications

2020-2023

- DOCKER | CODEWITHMOSH.COM | CERT
- PYTHON | CS50
- IBM SECURITY | CREDLY.COM | IBM | CERT
- SQA LEVEL 7 | JAVAINSTITUTE
- INE ICCA CLOUD | CERT

Education

2019- 2023

Java Institute for Advanced Technology

SOFTWARE ENGINEERING BSc (Hons) and OSSU (Self Taught Developer)