**Martin G Freiwald**

**Kent WA, 98030**

**MartinFreiwald708@GMAIL.COM**

**253-457-3724**

Have held only 1, one IT Job Position, as Electronic Configuration Technician and Software Configuration Technician; Entry-Level. From: Nov. 1st 2020 to January 1st 2021.

LinkedIn Profile: **https://www.linkedin.com/in/martin-freiwald-b0a085171/**

Profile on my own website: **http://www.mileagegrinder.com/portfolio/portfolio.html**

**Basic Skills:**

**Create passwords and accounts for Microsoft Server 2012 R2 Datacenter & Windows Server 2008 R2 Datacenter. Create Accounts and passwords for Windows SQL Database 2017 & Microsoft T-SQL Database, Know how to use Microsoft Word documents, add and remove programs in settings, change a user license key in system settings, Have experience working with help desk to solve issues and make recommended installations, Excel spreadsheets, Microsoft PowerShell files, Microsoft OneDrive account creating, Chrome, Firefox and Microsoft internet explorer browsers, lock pc machine. Print files, screenshot image on screen files, set up a computer out of the box-new, type on a keyboard. Flash a bios & set up the utility hardware configurations. Use an email account for file storage backup. Create an email group account. Set up FileZilla FTPS. Set up a virtual partition of a Windows 8 & 10 pro OS hard drive. Set RAID on Dell Server machines in the firmware software. Set up Cisco Router Appliances in a rack. Wire the rack by standard wire code for each appliance by its given standard. Make login, password and virtual terminal protocol on Cisco routers and switches. Setup a TACACS with RADIUS and AAA Server for login of routers and switches. Physical Networking; cables and wires also fiber optics. Testing physical networks with power meter experience. Have Basic Electronics experience in Transistor Transistor Logic, CMOS semiconductors and basic electronic board circuit building. Both testing and application product review experience. Experience in soldering wires and terminal fastening. Experience in striping wire and finishing connectors both male and female. Experience with fastener thread pitch sizes and testing tread size to application products. Know how to use an American Wire Gauge specification chart and choose proper wire gauge for running length to Amperage rating. Have worked up high on latter’s and built scaffolding before. Understand commercial building heights compared to latter’s in use. Where personal protection gear such as safety glasses, face shields, leather gloves, work boots, body harness and lanyard. Know how to use power meters, cable testers, power clamps, tone generator and amplifier, fox and hound. Know how to test for bad connector terminals with weak signal or interference signaling. Know how to use tape to secure parts such as fasteners, nuts, washers and extra cables from falling when removing parts or terminals. Have pulled wire through partition walls in buildings. Know how to turn off a power panel and its breaker switches.**

**Skill Work:**

**Install & use Windows 7 Enterprise Operating system, install & use Windows 8 Enterprise Operating system, install & use Windows 8 pro operating system, install & use Windows 10 Enterprise Operating system, install and upgrade to Window 10 Pro Operating system, install & administrate Microsoft SQL 2017, install & administrate Microsoft T-SQL 2012, install and administer Windows 2008 R2 Datacenter server, install & administrate Windows 2012 R2 Datacenter server. Enable virtualization on a pc and a server. Partition Windows hard drives. Have done Linux Administration ; Enterprise Red Hat Server, Have installed Linux many times, can patch Linux. Have installed many dependencies on Linux. Have installed and used Ubuntu, Centos, Mint, Fedora, Have used Mac’s before, Install Apache server on Linux with mod-ssl secure socket layer, install PostgreSQL server, install MYSQL server, install Microsoft 2017 Server Management Studio 17, install DHCP server, install DNS server, PXE install software on Cisco devices, Build a server from parts to complete, install NIC cards, attach cluster NIC hardware, build router on a stick configuration, Setup a ISP with a router to interface a layer three switch for internet connectivity, configure a Cisco firewall, Can install encryption on a Cisco ASA firewall and know the process to set up TLS on a Client Pc OS, know how to make ACL on a Cisco ASA firewall, Know how to block Http addresses on a Cisco ASA firewall or allow certain addresses, Set up a Cisco SPAN services on a switches. Know how to use Wireshark in promiscuous mode where it reports every packet in both directions from the NIC. Can configure IP addresses on servers & routers with switches. Can inspect Cisco routers and switches for routing and switching protocols and network information such as routing tables. Can debug a Mac address table between Cisco routers. I take written notes on configuration or copy and paste onto file. Set up Git on a Microsoft OS. Branch Git repository. Use Git to browser network interface with apache server hppd. Can use GitHub folder on my local to parse data to GitHub repository from an IDE. Can rebase from Git repository to reflect new changes in repository. Know how to read the instructions on a new product such as cell phones. Follow directions.**

**Skills:**

**Install from usb stick & cd rom add programs on to a hard drive, save files off Cisco machines on to any folder or download folder, configure Cisco Routers and Switches to a working CLI, configure Cisco firewalls to a working CLI, change passwords on all Cisco machines, PC’s and Servers as well as their Operating system passwords. Schedule backup for Windows 2012 R2 server. Install New and Old Hard drives with firmware configurations to boot up on Servers, Backup SQL database accounts or separate tables, Create SQL database accounts with password, Create MongoDB account and create tables and add data or find data(query a table), create a Python virtual environment, install SQL Server to connect to local group interface, update a hard drive. Uninstall hard drives in servers and reinstall the same hard drives with recovery of boot-up of operating system itself once again. Make a HTML5 webpage using html5 and CSS with hard links too. Know how to inspect webpages for scripts as a security measure, in the browser itself with Windows 10 pro OS. Can create a Windows PowerShell file. Use a PowerShell file as a place to copy and pasting script data into terminal editors of other IDE editors for development operations. AirWatch device management and QC quality control verification.**

**Summary:**

**The types of cyber security skills and other knowledge provided. All makes for a great network and operations environment to work out of. My goals are to make the workplace private from the internet world through risk management. Know how to work with ambiguity in networks and software. All my efforts to provide a secure network are provided here. 77 million dollars was lost last year to cyber security fraud in the United States. That's not much between 50,000 of the top corporations in the world. But the obvious, is that the current security practices and mechanisms in place have reduced the overall effect of fraud as a whole. Secrecy of trade may not have been accounted for! That is why I pursue cyber security and network administration to further investigate new and old technologies and their policies. Make suggestions to improve company networking and use of software for future economic wealth. My ability to learn and grow my knowledge up till now, has proven my worth for any company and its people’s future.**

**Education:**

**Graduate Kent-Meridian High School. Started college in 2015. Major in, Cybersecurity Network Administration AA at ITT-Tech South-Seattle Campus. Till August, 2016. completed 5 years of college so far, graduated on December 16th 2020 with AAS-T in Network Design and Administration from Seattle Central College. Graduated with second concentration on Certification IT/ Database Development and Administration from Seattle Central College. On December 16th 2020. Currently an Honor Student. Member of Phi Theta Kappa. ON the dean’s list at both colleges. Recently, enrolled at Colorado Technical University with Major in BS, Bachelor of Science in Information Technology / Network Management. Started class in November 2020.**