

ANTWAN MEAVE

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github.com/AM

There is nothing more satisfying than setting up large clusters and networks from a bare floor and a set of patch panels. I am proud of what I do every day and where I am in my career. Outside of work I have created many personal projects so if you would like to know more about me check out my website:

www.AntwanMeave.com

ADMINISTRATION SKILLS

- Linux and Windows Server Administration
- MAAS Imaging and PXE Boot Deployment
- Stress Testing High End OAMs and GPUs
- Custom Kernel, Driver, and Firmware Configuration
- RAID Setup and Recovery (Hardware & Software)
- Large-Scale Project and Team Management
- SCP, SSH, and Remote File Operations
- BMC Log Automation and Out-of-Band Management
- NetBox Server Template Creation
- Automated Netplan and SSH Key Assignment
- Mass Firmware Updates

NETWORKING SKILLS

- Arista, Cisco, and Nvidia/Mellanox EOS
- Networking Hardware Sourcing and Procurement
- Layer 2/3 Network Design and Troubleshooting
- Patch Panel and Fiber Termination (SM/MM)
- DHCP, DNS, and Netplan Configuration
- Stress Testing High Speed Back-End Networks
- Monitoring Network Traffic and Diagnosing Outages
- MAC Address Tracking and Port Mapping
- VLANs, Bonding, and MLAG on Switches and Servers
- Jump Host Configuration for Remote Access
- Troubleshooting Network Issues

PROGRAMMING SKILLS

- Python3 for Infrastructure Automation
- REST API Integration (e.g., MAAS, NetBox)
- PowerShell Scripting in Windows
- Bash Scripting for Linux Automation
- Git for Version Control and Collaboration
- MySQL Data Management and Querying
- Regex-Based Text Parsing and Data Extraction
- HTML, CSS, and Hosting for Website Creation
- SEO Optimization and Metadata Tuning
- Kubernetes YAML and Container Orchestration
- Running and Managing Dockerized Services

TECHNICIAN SKILLS

- Hardware Sourcing and Compatibility Checks
 - Cable Routing and Management
 - Server Racking and Rack Layout Design
 - Managing Contractors for Large Projects
 - PDU Load Balancing and Amperage Monitoring
 - BIOS Configuration and Firmware Updates
 - Water and Air Cooling System Management
 - Hardware and Software Troubleshooting
 - Resolving RMA Tickets Within SLA Deadlines
 - Inventory and Asset Tag Management
 - Rack Framing and Mounting Adjustment
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WORK EXPERIENCE

SERVER ENGINEER - Cirrascale Cloud Services

March 2024 – Present

- Turned over HPC AI clusters with over 128 servers each, spanning multiple rows in our datacenter. Designed cluster layouts keeping in mind cable management, PDU amperage, and networking infrastructure needed.
- Managed and trained 10+ person large contractor groups for 128 node HPC clusters: from the boxes they come in to racked, front-end cabling, high speed back-end cabled, deployed, and turned over.
- Deployed Ubuntu LTS with customer specific kernel, firmware, and driver variations for hardware on the server. Deployments are handled by our MAAS server and our scripts are run off our NetBox documentation.
- Setup our Austin datacenter from bare floors to 500+ servers dedicated to AI training models using AMD and NVIDIA OAMs/GPUs. Setup networking infrastructure spanning the whole datacenter to accommodate.
- Installed and managed the networking infrastructure for Rail Optimized 400g back-end, as well as front-end networking from the servers to the ISP.
- Edited Netplans on OS for front end and back-end networking. Managed our DHCP server for OOB.
- Trained all newly hired technicians nationwide on networking, documentation, cabling, PDU, and cabinet/PDU basics. Flew to datacenters nationwide to help with large-scale deployments.
- Experience working on Nvidia H100, H200, B200 and AMD MI300X, MI325X, MI355X GPUs/OAMs.
- Worked within the limits of different cabinets and their max CFM and cooling. Planned for PDU amperage and required load balancing. Reported issues with maintenance ensuring there are active plans to fix problems.
- Racked, cabled, and configured networking infrastructure throughout our datacenter: DMARC room -> MDF room -> Halls -> Rows -> Systems. Used patch panels, switches, and fiber to pass through customer VLAN networks that clients could jump host into.
- Worked with vendors and our NOC team to create RMA tickets for issues to resolve them within SLA deadlines.
- Learned many skills on the job from coworkers, clients, and contractors by staying curious and showing consistent respect regardless of their role.

SERVER TECHNICIAN - Cloud Ninjas

July 2023 – March 2024

- Performed full server builds to customer specifications, including BIOS tuning, firmware updates, and OS imaging across Dell, HPE, and Supermicro platforms.
 - Conducted mass firmware updates on multiple systems at one from a remote repository.
 - Tested and refurbished server CPU, RAM, Drives, NICs, and GPUs for customers meeting deadlines through teamwork and communication.
 - Worked directly for the owner to manage his YouTube channel, [Cloud Ninjas YouTube Tutorials](#), ensuring growth of 500 subs a month and secured leads within his creative vision. Used Metricool social media manager tool to schedule posts promoting Cloud Ninjas on all social media platforms.
 - Initially edited long form and short form content within Adobe Premiere. After creating templates and training material, I conducted hiring for editing roles to create and manage 2 teams to create content at scale.
 - Managed GoDaddy 360 accounts and emails services for the 20+ people in the company. Provided general IT support for workers remoting in, PC repairs, and software issues.
 - Created leads for our sales team by sending weekly promotion emails on discounts with Constant Contact.
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PROJECTS

ACTIVE DIRECTORY AUTOMATION | [GITHUB](#)

Set up an enterprise domain and script to let 1000 employees log in to the computers with their username and password.

AUTOMATED SERVER COMMANDS | [GITHUB](#)

Created a Python program that parsed the log file of a game server for messages and triggered bash scripts to modify the game when commands were detected.

CERTIFICATES

CCNA – IP

RHCSA – IP

COMPTIA A+ CERTIFICATE – 2023

GOOGLE CRASH COURSE ON PYTHON CERTIFICATE – 2020

EDUCATION

BACHELORS DEGREE IN COMPUTER SCIENCE AT WGU – 2025

PREREQUISITE COURSEWORK AT LONE STAR COLLEGE – 2022

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