Gentman Tan

gentmantan.com | gentmantan@gmail.com | (786) - 241 - 1905

IT EXPERIENCE

LOGIC PRO, CORP. | Independent Computer Network Consultant   South Florida | 2016 – present

- Collaborated with various local businesses and I.T. teams
- Jademar Lighting Corporation
    - Configured and deployed a network of IP cameras with accompanying web-based viewing software and mobile application, enabling secure and convenient remote monitoring
    - Established secure UniFi **wireless access point** SDN system for workstations and wireless CCTV cameras
- Interport Logistics
    - Designed and implemented a patch panel-to-server network cabinet infrastructure to improve network efficiency and organization.
    - Setup **wireless access points** with **802.11r mobility domains** for mobile inventory tracking
    - Deployed biometric entry/exit **authentication system** for office and warehouse access
- Chan's Furniture
    - Designed and deployed a scalable cloud server on **Amazon Web Services (AWS)** to host a critical database, ensuring high availability and reliability for Chan's Furniture's operations
    - Utilized **Docker** containers to streamline service management, allowing for of management
    - Implemented **WireGuard** and nftables rules to secure network traffic and enforce robust firewall rules, safeguarding sensitive data and preventing unauthorized access

RESIDENTIAL HOME OFFICE SETUP | IT Engineer   Miami, FL | 2018 – present

- Created and managed scalable virtualized network infrastructure using **Proxmox hypervisor**, virtualized PFSense for security with **NixOS** for web services and Windows virtual machines
- Established **network ACLs** utilizing **VLANs** and deployed **802.1X** for security by compartmentalization

CERTIFICATION

COMPTIA | IT Certification   Miami, FL | 2024 – present

- A+
- Currently pursuing: ITIL, Network+, Security+

EDUCATION

FLORIDA INTERNATIONAL UNIVERSITY | Undergraduate   Miami, FL | Jan 2020 – Dec 2023

- BS Computer Science

    - Advanced Unix Programming
    - Applied Parallel Computing
    - Artificial Intelligence
    - Computer Architecture
    - Data Structures
    - Net-centric Computing

SKILLS

- Excellent verbal and written communication skills in English and conversational Chinese (Mandarin & Cantonese), with experience in creating clear and concise, emails, presentations and documentation following UML principles
- Microsoft Services (Azure, Office, Microsoft 365, Teams, Exchange, Active Directory)
- Linux (Standard utilities, log parsing, NixOS & Qubes OS & Proxmox & PFSense)
- Bash, Nix, PowerShell, SQL, C, Java, Kotlin, Python