

RAY ISIANI

(347) 265 - 1784 | ray@loonartech.net | github.com/bedro0

Skills

Networking: TCP/IP, DHCP, DNS, NAT, VPN (OpenVPN, WireGuard), CAT 5/6, Fiber, PoE

Computer Languages: Python, Java, JavaScript, Bash, PowerShell

Operations Security: SSL/TLS, RSA, AES, Access Control, Multi-Factor Authentication

Systems Administration: Docker, Kubernetes, VMware, QEMU, VirtualBox, RAID, NAS, Ansible, SSH, SMB

Spoken Languages: English, Georgian, Russian

Certifications

- CompTIA A+
- Google IT Support Professional Certificate

Experience

IT Specialist, BATE Transportation LLC – Brooklyn, NY

July 2020 – Present

- Enhanced access and resilience of business-critical data by individually sourcing and assembling components, providing shared storage and web-services for users on a centralized server hardware
- Achieved 99.9% uptime for critical IT services by implementing strategic redundancies and backups, ensuring robust support for business operations, and preventing revenue loss due to system failures
- Designed and implemented a Small Office/Home Office (SoHo) network, connecting all workstations via Ethernet, ensuring reliable and efficient network performance tailored to organizational needs
- Addressed connectivity challenges in remote areas by equipping vehicles with dual WAN routers, dynamically switching carriers based on the cellular coverage, ensuring continuous communication for drivers
- Enabled seamless remote network access for drivers by implementing a secure, WireGuard-based VPN system in a scalable Docker environment, ensuring continuous access to critical data regardless of location
- Maintained high levels of user satisfaction and operational efficiency by providing comprehensive remote and local help-desk support, to drivers and logistics coordinators ensuring quick resolution of IT issues

Projects

Grove Street Radio

github.com/bedro0/GroveStreetRadio

- Docker based Web-Application, designed to stream radio from the game, GTA: San Andreas, over HTTPS
- Built on Debian base image. Playback handled by MPD (Music Player Daemon), HTTP streaming handled by Icecast, HTTPS encryption handled by NGINX reverse proxy. Utilizes custom scripts (Bash, Python) to imitate in-game radio playback qualities by ordering tracks in a specific pattern

Debian Linux Homelab

- Custom Linux server, built using off the shelf components. Provides bulk storage as well as the environment for hosting VMs and containerized Docker applications for development and testing of new software

Education

James Madison High School

Graduated: 2020