

Zach Zivnuska

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OBJECTIVE

Self-driven IT professional with hands-on experience in server setup, storage solutions, and hosting services across Linux, Windows, and macOS. Skilled in system administration, troubleshooting, and network configuration. Seeking to apply technical expertise in an IT support or system administration role.

RELEVANT EXPERIENCE

Support Technician/Computer Repair

American Tech

2018 – 2024

Berkeley, CA

- Provided technical support and troubleshooting guidance to customers over the phone and in-person
- Configured and optimized network settings for customer devices and home networks
- Built custom PCs based on client specifications for performance, gaming, and office use
- Diagnosed and repaired hardware and software issues for desktops, laptops, and smartphones
- Performed data recovery, system optimizations, and virus removal for clients' devices
- Upgraded and replaced components including hard drives, memory, GPUs, and power supplies
- Reinstalled and configured operating systems, ensuring proper driver installation and system updates
- Managed inventory and ordered replacement parts to ensure availability for repairs
- Collaborated with team members to maintain high service standards and meet repair deadlines

PROJECTS

Server Management | *Ubuntu, ZFS, RAID, Docker, Nginx, Samba, Nextcloud, Wireguard*

2016 – Present

- Configured and maintained multiple servers: file server, web server, security cameras, media server, game server
- Flashed custom firmware onto legacy NAS devices for enhanced security and reliable RAID5 backup functionality
- Configured virtualized environments with Proxmox and Docker for efficient resource management and deployment
- Integrated UPS systems to provide backup power during outages, ensuring server uptime and preventing data loss
- Configured VPN and two-factor authentication to secure remote access
- Optimized network settings for improved routing, performance, and security
- Deployed a Nextcloud-based personal cloud for secure file sharing
- Automated tasks with Bash and Python for system updates and log monitoring
- Set up reverse proxy servers for secure, load-balanced web access

URL Cyber Palace | *Portfolio, Web Development, Design, Projects, Resume, testing grounds*

2021 – Present

- Created a personal portfolio website showcasing a variety of web development projects and design work
- Integrated an online resume and downloadable PDF for potential employers to view my qualifications
- Designed a user-friendly interface using modern web technologies such as HTML, CSS, JavaScript, and React
- Implemented interactive elements to highlight projects, demonstrating skills in front-end and back-end development

TECHNICAL SKILLS

Languages: Javascript (Node.js), Python, C/C++, SQL (Postgres), HTML/CSS

Frameworks: React, Express.js, Flask, FastAPI

Developer Tools: Git, Docker, TravisCI, VS Codium, PyCharm

Libraries: React/React Native, Three.js, Material-UI, Axios, TensorFlow, pandas, NumPy, Matplotlib

Operating Systems: Linux (Ubuntu, Debian, Arch), Windows (10/11), macOS, BSD (FreeBSD, OpenBSD, OPNsense)

Virtualization: Docker, VirtualBox, VMware, Proxmox, QEMU, Parallels Desktop for Mac

Server Tools: ZFS, RAID, Apache/Nginx, SSH, PostgreSQL, MySQL, Redis, Nextcloud, pfSense

REFERENCES

Available upon request