NGUYEN VAN TUAN SY - CURRICULUM VITAE

IT Implementation Specialist & Biomedical Engineering | TsByin

Email: contact@tsbyin.dev | Phone: +84 377 521 958 | Location: Hanoi, Vietnam
Portfolio: https://tsbyin.dev | GitHub: github.com/tsbyinchei | LinkedIn: sy-nguyen-van-tuan

PROFESSIONAL SUMMARY

- 6+ years hands-on experience in IT infrastructure, structured LAN/WAN deployment and Proxmox VE.
- Specializing in Cloudflare Zero Trust, Tunnels, 24/7 Homelab microservices and self-hosted automation.
- Undergraduate in Biomedical Engineering at Phenikaa University focusing on embedded IoT and signals.
- Dual Google for Education certifications: Gemini Certified Educator & Gemini Certified Uni Student.

WORK EXPERIENCE

IT Implementation & Infrastructure Engineer

Phu Sy Trading & Services Co., Ltd | 05/2020 - Present | Hanoi, Vietnam

- Network Infrastructure: Surveyed, designed, and deployed high-availability LAN/WAN for schools and gov.
- Virtualization & Storage: Deployed Proxmox VE server nodes, automated backup policies and RAID arrays.
- Physical Security & AV: Installed enterprise CCTV surveillance systems, access control and AV equipment.
- Zero Trust & Remote Ops: Configured secure remote access (WireGuard, Cloudflare Access) for 24/7 ops.

EDUCATION & CERTIFICATIONS

Phenikaa University - Biomedical Engineering, Faculty of Electrical & Electronics (2024 - Present)

Google for Education - Gemini Certified Educator (12/2025 | Credential ID: 168489619)

Google for Education - Gemini Certified University Student (12/2025 | Credential ID: 168616862)

TECHNICAL SKILLS MATRIX

Infrastructure & Cloud:	Proxmox VE, Docker Compose, Linux Shell, VMware ESXi, Synology DSM, RAID, AWS
Security & Networking:	Cloudflare Zero Trust, Tunnels, Access Policies, WireGuard VPN, 2FA/TOTP, Anti-DDoS
Biomedical & Hardware:	MATLAB, 3D Slicer, NI LabVIEW, STM32CubeIDE, ESP32, Arduino, Altium Designer
Software & Automation:	TypeScript, JavaScript (ES6+), Python, FastAPI, PostgreSQL, Google Apps Script

FEATURED TECHNICAL PROJECTS

Homelab 24/7 (Mini Datacenter):	15 microservices, Cloudflare Tunnel Zero-Port-Forward, FastAPI, Postgres.
TsByin Exam Platform:	Online quiz engine with real-time admin scoring & anti-cheating controls.
Server Telemetry Monitor Bot:	Automated remote resource monitoring and intrusion alerts via Telegram.
TsByin DevBox Workspace:	Client-side privacy-first workspace with 28+ cryptographic and dev utilities.