

ALEXANDER WILSON

St. Louis, MO
314.583.8686

Alex.Wilson.0425@gmail.com

AlexWilson.info | [GitHub](#) | [LinkedIn](#)

Professional Summary

Security-focused IT professional seeking challenges in offensive security, automation, and zero trust networking.

A results-driven professional with a background in IT, software development, and project management. A strategic thinker with strong communication skills, known for being organized and detail oriented. Enthusiastic about innovation and solving complex challenges, with a focus on security, cloud computing, and exploit development. Committed to returning to a hands-on technical role to learn, grow, and make a meaningful impact."

Core Competencies

- Network Security
- Zero Trust
- Automation
- Cloud Security
- Offensive Security
- Containerization
- Application Security
- Threat Modeling
- Security Hardening

PROFESSIONAL EXPERIENCE

AMEREN, ST. LOUIS, MISSOURI, AUGUST 2019 TO APRIL 2024

IT Project Manager

- Owned and managed all assigned projects, maintaining schedules with a variance of less than 90 days. Led monthly cost-tracking exercises, budget variance analysis, and time-tracking reviews, ensuring financial alignment with an overall variance of less than 5%.
- Led Workday implementation efforts, collaborating with digital teams and business units to gather, develop, and refine integration requirements. Standardized approval workflows for unique integration patterns, ensuring compliance with security policies and enterprise architecture standards. Successfully aligned technical and business needs, accelerating deployment timelines for over 50 Workday integrations, reducing approval delays by as much as 80%, and streamlining compliance approvals.
- Oversaw semi-annual Workday Release Management, coordinating tenant management, system changes, and in-flight development to ensure zero unplanned downtime, while aligning security configurations with evolving compliance requirements.
- Led a recurring hardware refresh initiative, coordinating semi-annual upgrades for expiring network and security appliances to minimize attack vectors and ensure compliance with vendor support agreements.

AMEREN, ST. LOUIS, MISSOURI, MAY 2018 TO AUGUST 2018, MAY 2019 TO AUGUST 2019

Digital Intern

- Helped implement Microsoft Teams as the primary video conferencing platform by developing automation workflows in Microsoft Power Automate to streamline user provisioning and access control. Assisted in migrating meeting data, enforcing standardized permissions, and integrating Teams with existing SharePoint online environments. Coordinated with the help desk to resolve frequent adoption challenges and decommission legacy tools, leading to a 20% reduction in IT support tickets related to video conferencing.
- Assisted in the migration of 5,000+ SharePoint 2016 sites to SharePoint Online by writing PowerShell scripts that extended the capabilities of SharePoint Migration Assessment Tool (SMAT) by adding custom validation checks, reducing migration failures to less than 1%.

ALEXANDER WILSON

ST. LOUIS COMPUTER SERVICES, ST. LOUIS, MISSOURI, MAY 2015 TO MAY 2018

IT Support Technician

- Diagnosed and resolved software, hardware, and networking issues for desktops, laptops, and peripherals, including operating system errors, driver conflicts, and malware removal.
- Performed hardware diagnostics, component replacements, and system upgrades, including RAM, SSD, GPU, PSU, and motherboards.

EDUCATION AND CERTIFICATIONS

NETWORK+ CERTIFICATION - 2024

Computing Technology Industry Association (CompTIA), Illinois

PROJECT MANAGEMENT PROFESSIONAL (PMP) – 2024

Project Management Institute (PMI), Pennsylvania

1ST PLACE - MISSOURI STATE UNIVERSITY CNAS UNDERGRADUATE COMPUTER SCIENCE RESEARCH COMPETITION - 2019

Topic: Automated Pathogen Detection and Quantization using Machine Learning

BACHELOR OF SCIENCE (B.SC.) IN COMPUTER SCIENCE - 2019

Missouri State University, Springfield, Missouri

SKILLS AND PROFICIENCIES

Productivity: Git, Neovim, Jira, Trello, Confluence, ServiceNow, Salesforce, Notion, Obsidian, Teams, OneNote, SharePoint, Word, PowerPoint, Excel, Project, Planner, Power Automate.

Design: Figma, Canva, Illustrator, Photoshop, Inkscape, After Effects, Premiere Pro, DaVinci Resolve, Blender, ZBrush, Fusion 360, Bambu Studio.

Operating Systems: Arch Linux, Debian, Ubuntu, Alpine Linux, NixOS, OpenBSD, Kali Linux, Windows 10/11, Windows Server 2019/2022, Proxmox VE, Xen, KVM, Unraid, TrueNAS, QubesOS.

Languages: C, C++, Zig, Rust, Bash, PowerShell, PHP, TypeScript, Python, Elixir.

Databases: PostgreSQL, Microsoft SQL Server, MongoDB, SQLite, Qdrant.

Web Development: Nginx, Node.js, Deno, Bun, Express.js, Fastify, Oak, Django, Laravel, GraphQL, React, Next.js, Solid.js, Tailwind CSS, shadcn, Vite, Prisma, Supabase, Redis, Three.js, P5.js, PM2, Selenium, Playwright.

Machine Learning: NumPy, Pandas, scikit-learn, PyTorch, TensorFlow, Keras, JAX, CUDA, TensorRT, Flash, Optuna, Roboflow.

DevOps: Kubernetes, Docker, Terraform, Ansible, Chef, Argo CD, Istio, Prometheus, Consul, Portainer, Packer, Traefik.

Networking: Active Directory, Azure AD, Kerberos, FreeIPA, Keycloak, Authelia, Vault, SAML, OAuth2, WebAuthn, Tailscale, Twingate, Nebula, OpenVPN, WireGuard, OPNsense, pfSense, Snort, Suricata, Zeek, Wazuh

Security: Nessus, Metasploit, Burp Suite, Ghidra, YARA, Vector, Graylog, Splunk, NaCl, Blackbox, Tor, I2P