ALEXANDER WILSON

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Professional Summary

Focused IT professional seeking challenges in software development, network engineering, and cybersecurity.

A results-driven professional with a background in software development and project management. A strategic thinker and pragmatic communicator, enthusiastic about overcoming complex digital problems. Highly organized with a strong attention to detail. Focused on software development, network infrastructure, and cybersecurity. Committed to returning to a hands-on technical role to learn, grow, and make a meaningful impact.

Core Competencies

- Scripting
- Problem-Solving
- Communication

- Network Management
- Data Analysis
- Project Management

- Cybersecurity
- System Analysis
- Collaboration

PROFESSIONAL EXPERIENCE

AMEREN, ST. LOUIS, MISSOURI, AUGUST 2019 TO APRIL 2024
IT Project Manager

- Managed a diverse portfolio of projects in software implementation and infrastructure, consistently achieving project goals and fostering stakeholder trust. Maintained schedule variance within +/-15% and budget variance within +/-3% through adept application of project management methodologies and best practices.
- Led a recurring hardware refresh initiative, coordinating upgrades for obsolete network and security appliances. Mitigated security risks by decommissioning unsupported equipment to ensure vendor compliance and reduce attack vectors. Implemented on-premises solutions across two data centers, conducted cloud migration cost analyses, and migrated suitable systems to Azure, ultimately reducing end-of-life exposure by 85% and improving overall posture and resilience.
- Orchestrated critical sub-projects within the Workday Implementation Program (Phases 1 & 2), encompassing configuration issue resolution, in-house software development, and test/dev/release/prod tenant management. Enhanced program efficiency through automated testing with Kainos and designed a standardized integration approval workflow that optimized collaboration between Architects and Support, ensuring timely program delivery.

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

- Wrote PowerShell scripts that enhanced the SharePoint Migration Assessment Tool (SMAT) with custom validation checks, enabling the successful migration of over 7,500 SharePoint 2016 sites to SharePoint Online and reducing migration failures to less than 1%.
- Developed a custom C# SharePoint Web Part to centralize and standardize safety information collection across Corporate, Ameren Missouri, and Ameren Illinois. This component powered a highly visible, real-time safety counter prominently displayed on the Ameren intranet homepage, significantly enhancing enterprise-wide safety awareness, which was critical to Ameren's "Focus on Safety" initiative.

ST. LOUIS COMPUTER SERVICES, ST. LOUIS, MISSOURI, MAY 2015 TO MAY 2018
IT Support Technician
- Delivered comprehensive Level 1 IT support, expertly diagnosing and resolving 30+ weekly tickets covering diverse software, hardware, and networking issues (e.g., OS errors, driver conflicts, malware). Maintained a 90%+ first-call resolution rate, significantly minimizing user downtime.
- Executed 25+ monthly hardware diagnostics, repairs, and upgrades for desktops and laptops, including critical component replacements (e.g., RAM, SSD, GPU, PSU, motherboards). Consistently improved system performance and ensured reliable device operation for end-users.

EDUCATION AND CERTIFICATIONS

NETWORK+
Computing Technology Industry Association (CompTIA), Illinois

CERTIFIED CLOUD PRACTITIONER (CCP)
Amazon Web Services (AWS), Pennsylvania

PROJECT MANAGEMENT PROFESSIONAL (PMP)
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

Languages: C, C++, Rust, Bash, PowerShell, Lua, Perl, C#, Python, Ruby, JavaScript, TypeScript, PHP.

Operating Systems: Windows Server 2022, Windows 11, Xen, KVM, Libvirt, Proxmox VE, Arch, Alpine, Debian, Fedora, RancherOS, FreeBSD, OpenBSD.

Hosting and DevOps: Azure, AWS (EC2, S3, EKS, Lambda, CloudFormation, Secrets Manager, CloudWatch), Docker, Kubernetes, Terraform, Ansible, GitHub Actions, Jenkins, Packer, Prometheus, Grafana, Vault, Supabase.

Networking: TCP/IP, HTTP/S, DNS, DHCP, SNMP, VLANs, Routing/Switching, Load Balancing AWS Networking (VPC, Route53, ELB, Transit Gateway), Azure VNet, pfSense, WireGuard, Tailscale, Twingate, Wireshark, Nmap, Tor, I2P.

Security: Active Directory, Azure AD, AWS Security (IAM, GuardDuty, WAF, Inspector), SAML, OAuth2, Keycloak, Nessus, Metasploit, Burp Suite, Ghidra, Binary Ninja, Snort, Wazuh, Elasticsearch, Logstash, Kibana, Graylog, YARA, Sigma, Falco.

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

Web Development: React, Next.js, Solid.js, Svelte, Node.js (Express, Fastify), Bun, Django, Laravel, Ruby on Rails, Nginx, Tailwind CSS, Vite, GraphQL, Prisma, Drizzle ORM, Selenium, Playwright, Three.js, P5.js, OpenGL/WebGL, WASM, jQuery.

Machine Learning: NumPy, Pandas, PyTorch, TensorFlow, Keras, CUDA, TensorRT, TorchServe, TensorFlow.js, Optuna.

Productivity Tools: Git, VS Code, Neovim, Jira, Confluence, ServiceNow, Workday, Microsoft Office 365 (Excel, Project, Planner, Power BI), Google Workspace (Sheets, Drive, Forms, Calendar), n8n, Cursor, Claude Code.

Design Tools: Adobe Suite (Illustrator, Photoshop, After Effects, Premiere Pro), Figma, Inkscape, Krita, Blender, Fusion 360, Bambu Studio, Meshroom, OpenDroneMap, Davinci Resolve, Reaper, Unreal Engine 5.