

JESSE RUSSELL

Network Engineer

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📍 Muncie, IN

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EDUCATION

IT & Development Program Vertical Immersive

📅 Oct 2015 - May 2017

📍 Carmel, IN

High School Diploma Wisdom Builders

📅 Aug 2002 - May 2014

📍 Carmel, IN

SKILLS

- **Platforms & Cloud:** Azure, AWS, GCP, DigitalOcean
- **Networking:** TCP/IP, DNS, DHCP, VPN, SSL/TLS, SSH, SMTP, IPv4, SFTP/FTP, Firewall Configuration, Load Balancing
- **Systems Administration:** Windows Server (2008–2022), Active Directory/MS Entra, Group Policy, WSUS, Linux, macOS
- **Automation & Scripting:** PowerShell, Python, Bash, Task Scheduling, RPA
- **Programming Languages:** C#, Go, Javascript, SQL, PHP, Visual Basic
- **Security:** DMARC/SPF/DKIM, SSO/SAML2, Security Audits, SSL Management
- **Virtualization:** Hyper-V, VMware, Proxmox, Docker, Containerization
- **Database Administration:** SQL Server, MySQL/MariaDB, PostgreSQL, SQLite, Oracle

OVERVIEW

With a decade of experience as an IT consultant, excels in automation and cloud migration for manufacturing, health, SME, MSP, and SaaS sectors, achieving significant operational efficiencies through administration and automation expertise.

WORK EXPERIENCE

Network & Systems Contractor

Jesse Russell Freelance

📅 Aug 2018 - current

📍 Remote

- Led 50+ administration, development, and DevOps projects.
- Engineered 30+ infrastructure solutions, reducing deployment time and manual interventions.
- Completed 20+ migrations (datacenter-to-cloud, cloud-to-cloud, server-to-SaaS), ensuring zero downtime.
- Conducted system audits, resolved server issues, implemented SSL, firewall, and SSO solutions for 30+ startups and SMBs.
- Managed users, email, domains, servers, and sites for 30+ SMB clients
- Optimized 20+ Python, PHP, C#, React.js/JS, and Go apps.
- Developed 30+ PowerShell scripts for AD, email, and software deployment.
- Executed critical data migrations after M&A, ensuring zero downtime.

Network & Systems Contractor

PageDNA

📅 April 2021 - current

📍 Remote

- Led initiatives as Principal Network SME to reduce technical debt, eliminate operational overhead, and improve processes.
- Led technical project management for initiatives like email security, traffic encryption, and secure payload delivery, achieving modern compliance.
- Contributed to 5 massive infrastructure projects, which involved phased migrations with extensive testing plans to ensure zero customer impact.
- Served as case escalation contact for Dev, Ops, and Support, significantly improving communication and interdepartmental coordination.
- Redesigned and streamlined integrations to improve customer experience for over 300 accounts.

Network & Systems Contractor

Bytagig

📅 March 2023 - November 2023

📍 Remote

- Created 20+ install scripts for MSP clients, eliminating engineer overhead.
- Implemented Azure DevOps for secure asset delivery, ensuring best practice during remote management across 15 environments.
- Delivered sophisticated AD migration script enabling zero downtime migration of 500+ users and solidifying MSP as the client's DevOps.
- Implemented RMM solutions, saving 30+ labor hours weekly.

- **Web Servers:** IIS, Nginx, Apache, OpenLiteSpeed, Cloudflare CDN
- **DevOps & CI/CD:** Azure DevOps, GitHub Actions, Git, SVN, CI/CD Pipelines, Infrastructure as Code
- **Monitoring & Management:** RMM Tools, SCCM, Remote Administration

REFERENCES

- Nathaniel Pulsifer, CEO/owner of DCF Exchange - 406-250-5822
- Mark McDonald, Director of IT & Executive VP at MPI - 317-366-3000
- David Damm, CSM at PageDNA - 206-452-9767
- Guy Winch, psychologist and speaker - 917-825-0001

Network Engineer

Materials Processing Inc

📅 April 2017 - April 2018

📍 Indianapolis, IN

- Managed Windows infrastructure across 5 locations, achieving 95% Windows 10/Windows Server 2016 coverage.
- Managed endpoints and AD for 300+ users and migrated 20+ servers to Azure.
- Developed 10+ ERP automations (.NET/RPA/PowerShell), significantly boosting productivity and eliminating data migration downtime.
- Enhanced SQL Server performance and optimized queries, improving business reporting speed and data accuracy.

Network Administrator

T2 Systems

📅 Nov 2016 - Feb 2017

📍 Indianapolis, IN

- Oversaw 500+ endpoints and infrastructure for 10+ corporate locations, enhancing operational stability and efficiency.
- Automated staging deployments via PowerShell, reducing setup from 2 days to 20 mins.
- Wrote comprehensive automation scripts for routine system maintenance, cross-domain transfers, and IIS/database deployments, saving 20+ hours weekly.
- Engineered and deployed custom applications that boosted ops team's reporting visibility and streamlined database administration.