MATTHEW RABURN

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Senior Application Administrator

Results-driven IT Infrastructure Professional, turning high-maintenance, business-critical systems into stable, automated workhorses. Expert in automation, system integration, and enterprise reliability, delivering solutions that scale, cut costs, and keep operations humming. Known for fixing 'orphaned' systems and turning chaos into efficiency. Worked with all levels of key stakeholders and cross-functional departments on a global scale.

Skills\Core Competencies

PowerShell| Python| Intune| Batch| AI Prompting| REST APIs| JavaScript| React| Node.js| Git| SQL Server| Windows Server| Linux| macOS| SCCM| Active Directory| Office 365| Autodesk Suite| ANSYS| Fusion Lifecycle| Windchill PLM| PostgreSQL| MongoDB| AWS| Virtualization| Network Infrastructure| MDM/RMM Systems

Experience

Pall, Remote   **1/2021 - 8/2025**
Senior Engineering Systems Analyst
Served as Main Technical Administrator for the engineering suite of software, ensuring system stability, vendor compliance, security, and data integrity across global operations.

- • Cut workstation setup time by 72% by scripting and automating deployments for Autodesk Suite, Ansys, and CreoView across 800+ global endpoints via SCCM.

- • Stabilized mission-critical platforms including Catia and Windchill Workgroup Manager, aligning IT infrastructure to support a $300M business unit.

- • Drove AI-powered automation to streamline log analysis, repetitive tasks, and troubleshooting, saving hours weekly for engineering teams.

- • Authored and maintained gold-standard SOPs for installations, licensing, and system changes, reducing escalations and improving onboarding.

- • Served as technical lead for the divestiture of Pall Water, overseeing the secure migration of 3TB+ of technical data and completing the project 3 weeks ahead of schedule with zero incidents.

- • Managed simulation infrastructure and contracts exceeding $1M, ensuring uptime, security, and performance for global R&D teams.

Aavid, Woburn, MA   **2/2018 - 1/2021**
Systems Administrator
Served as primary Systems Administrator for a 280-person office, managing servers, network infrastructure, user accounts, and security.

- • Scripted error-reducing automations into PLM workflows, cutting part-creation mistakes and boosting consistency.

- • Cut ECN cycle time by 75% from 14 days to 3.5 days by optimizing workflows and documentation.

- • Reduced manual intervention and human error by building JavaScript and PostgreSQL integrations syncing PLM and ERP systems,.

- • Spearheaded Office 365 and Microsoft Teams rollout for 100+ staff, modernizing communication and collaboration.