Deanna Stanley

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Software & Systems Engineer — Scripting | Automation | Reliability Engineering

Developer & Systems Engineer specializing in automation, scripting, and scalable infrastructure. Experienced in designing and maintaining reliable environments, streamlining patching and deployment, and improving performance across cloud and on-premises platforms. Skilled in PowerShell, SQL Server, and system automation with a proven ability to translate complex requirements into practical, maintainable solutions that reduce errors and accelerate delivery. Collaborative and results-driven, engaging stakeholders and teams to adopt best practices that strengthen reliability and operational excellence.

Technical Skills

Languages & Frameworks: PowerShell, Kusto (KQL), T-SQL, Python, Pester, JavaScript, React, HTML, JSON, XML, C#
Databases: SQL Server, MongoDB
Tools & Technologies: Git, GitHub, Visual Studio Code, Power BI, Splunk, SSRS, Marimba Deployment Manager, Desired State Configuration (DSC)
Collaboration & Management: JIRA, Confluence, Slack, ServiceNow, Remedy
Operating Systems: Windows Server

Selected Projects

Patch Compliance Automation & Reporting | PowerShell, GitHub

- Built a PowerShell 7 module and automation pipeline to ingest patch inventory, evaluate compliance against an approved baseline, and generate actionable markdown reports.
- Modeled real-world patch governance by separating inventory state from policy approval and classifying compliance risk.
- Developed using feature branches, pull requests, and squash merges to reflect production engineering workflows.

Professional Experience

Docusign

Developer SRE (Contractor) | Apr 2023 – Sep 2024 | Remote

Accountable for automating and optimizing monthly Windows Server patching through PowerShell scripting and Kusto-based analytics; identified and resolved patching pain points and developed automated reporting dashboards to inform leadership decisions.

- Refactored SQL Server tables and stored procedures to support evolving cross-team requirements, enabling fully automated patching version updates across production environments.
- Designed and built a reusable PowerShell module with integrated Pester tests to standardize stored procedure execution across teams, improving reliability and maintainability.
- Engineered PowerShell-based automation for patch version updates, replacing manual configuration edits and improving release consistency.
- Automated WSUS update approvals using PowerShell, streamlining patching workflows and minimizing manual effort.
- Established Git-based version control standards and managed pull requests to maintain peer-reviewed code quality and traceability.
- Conducted comprehensive testing and debugging of PowerShell automation to ensure reliability prior to production deployment.
- Authored and updated SOPs in Confluence to document new automation workflows and trained Operations staff on implementation.
- Oversaw project deliverables, milestones, and issue tracking in JIRA to maintain visibility and accountability.

DevOps Engineer | Nov 2021 – Sep 2022 | Remote

Accountable for building and automating virtual server environments for large-scale enterprise projects using PowerShell, VMware, SQL Server, and SALT; collaborated with development, testing, and program management teams to deliver reliable and standardized infrastructure.

- Utilized and enhanced existing automation with PowerShell, VMware, and SQL Server to provision and configure hundreds of virtual machines for new projects and environments.
- Maintained and extended PowerShell scripts to create and configure VMs for new roles and project requirements.
- Optimized SQL Server configuration entries and stored procedures to support automated VM deployment.
- Debugged and resolved issues in PowerShell automation and SQL stored procedures to ensure reliable environment builds.
- Developed new SALT highstate and state files to automate configuration and maintain consistency across environments.
- Refined automation workflows to reduce manual effort, improve standardization, and enhance system reliability.
- Configured and deployed application software on physical servers to support hybrid infrastructure and project-specific requirements.

Starbucks

Systems Analyst II, SPC Operations Team (Contractor) | Apr 2019 – Nov 2021 | Seattle, WA

Automated configuration and management of physical client devices in more than 9,000 stores using PowerShell scripting through Marimba Deployment Manager. Accountable for activating and maintaining reliable SPC devices across the global retail footprint and ensuring 100 % device adoption in all locations.

- Developed PowerShell scripts to validate device health prior to activation, improving rollout reliability.
- Engineered PowerShell-based failover automation that redirected diverse in-store devices to secondary SPC units when a primary device failed, eliminating single points of failure.
- Imaged, profiled, and validated new SPC devices, resolving configuration and connectivity issues during deployment.
- Leveraged Azure IoT Hub and Device Provisioning Service to register and manage IoT devices at scale.
- Troubleshot and remediated incidents involving IoT registration, data flow, network communication, and certificate validation to ensure device uptime.
- Coordinated deployments of new software, hotfixes, and tools in collaboration with Release and Change Management teams.
- Provided training and technical guidance to new team members on automation, device activation, and troubleshooting procedures.
- Authored troubleshooting guides and process documentation in Atlassian Confluence to improve support efficiency and knowledge sharing.
- Participated in daily agile stand-ups and twice-weekly release coordination meetings to align activations and resolve blockers.
- Responded to and managed escalated SPC client and service incidents via Remedy, ServiceNow, PagerDuty, and Slack as part of a rotating on-call schedule

Microsoft

Service Engineer, Azure Monitoring Team | Apr 2017 – Jun 2018 | Redmond, WA

Accountable for supporting Azure monitoring operations by developing Kusto queries, automating reporting workflows with PowerShell, and building Power BI dashboards to improve visibility and decision-making for live-site performance.

- Authored Kusto (KQL) queries to extract and analyze telemetry data for performance and incident investigations.
- Migrated and modernized SSRS reports to Power BI, improving accessibility and reducing manual reporting effort.
- Updated and maintained PowerShell scripts used for automated reporting and data collection.
- Designed Power BI dashboards to streamline live-site data review and accelerate decision-making.
- Ensured incident data quality and consistency to enable accurate monitoring metrics and trend analysis.
- Participated in on-call rotation to respond to alerts, coordinate communication, and mitigate live-site incidents.
- Collaborated with project managers and developers to deliver reporting enhancements and operational improvements.
- Created and presented PowerPoint summaries for weekly and monthly live-site performance reviews.

Education & Training

Bachelor of Science in Electrical Engineering, Emphasis in Computer SW & HW | University of Washington, Seattle, WA

Web Development Fundamentals Bootcamp, Full Stack Web + Mobile Development Bootcamp | Nucamp 2025