

IAN C STRATHDEE

Infrastructure Automation Engineer | DevOps Platform Automation | Windows/Linux Systems

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SUMMARY

Infrastructure automation, DevOps platform, and release engineering professional with 15+ years supporting enterprise software delivery platforms, CI/CD environments, on-premises Windows/RHEL infrastructure, and operational governance in regulated environments. Deep experience building reusable PowerShell, REST API, and Ansible automation for provisioning, configuration management, access governance, audit support, platform administration, and operational queue reduction. Strong background across Azure DevOps/TFS, Jenkins, Git/GitLab workflows, Artifactory/Xray, Elastic, Windows Server, RHEL Linux, nginx, SSL/TLS, IAM, disaster recovery, Jira/JSM-style work queues, and stakeholder-facing documentation. Known for reducing manual effort, standardizing repeatable operating procedures, improving reliability, and helping engineering and infrastructure teams adopt practical automation.

CORE STRENGTHS

- Infrastructure Automation: Ansible, PowerShell, Bash, REST APIs, reusable tooling, provisioning, configuration management, audit workflows
- On-Prem & Cloud Systems: Windows Server, RHEL Linux, nginx, certificates, SSL/TLS, SQL Server, PostgreSQL, networking fundamentals
- DevOps & Git Workflows: Azure DevOps Server/TFS, Git/GitLab, GitHub-based environments, Jenkins, Artifactory/Xray, CI/CD operations
- Release & Lifecycle Mgmt: Multi-environment DEV/CERT/PROD/DR support, package validation, rollback-aware playbooks, production rollout support
- Reliability & Operations: Monitoring, incident response, disaster recovery exercises, system hardening, vulnerability remediation support
- Work Management: Jira/JSM-style queues, ServiceNow, Confluence/Azure DevOps Wiki-style documentation, onboarding, troubleshooting guidance
- Scripting & Coding: PowerShell, Python, API scripting, telemetry, platform administration, automation assets
- Security & Governance: IAM, least privilege, access recertification, permissions governance, audit evidence, operational controls

PROFESSIONAL EXPERIENCE

M&T Bank - Buffalo, NY

Technical Engineer III / Software Engineer II / Software Engineer I | 2015-2025

- Owned enterprise Azure DevOps Server/TFS platform operations supporting 1,000+ developers and 1,000+ CI/CD pipelines across a large regulated engineering organization.
- Built reusable PowerShell and REST API-based automation for auditing, provisioning, telemetry, platform administration, configuration management, and operational queue reduction.
- Developed Ansible automation to standardize upgrades, configuration management, and operational tasks across GitLab, Artifactory, Azure DevOps agents, Java runtime dependencies, and Windows/RHEL infrastructure components.
- Administered DevOps platform components across Azure DevOps SaaS, GitLab, Artifactory/Xray, short-term SonarQube ownership, Jenkins-related delivery workflows, and related enterprise CI/CD operations.
- Provided operational support for development and infrastructure teams, including request triage, access management, onboarding, permissions governance, troubleshooting, documentation, and cross-functional coordination with infrastructure, security, DBA, and engineering teams.
- Designed and implemented a scalable least-privilege access model for Azure DevOps, standardizing group structures, inheritance patterns, onboarding workflows, and permission boundaries across 200+ team projects.
- Engineered Elastic automation tooling to manage ingestion workflows, Logstash backups, global template changes, agent onboarding, and recovery-ready platform configuration artifacts.
- Implemented multi-environment delivery and support patterns across DEV, CERT, PROD, and DR with rollback-aware playbooks, validation-oriented release flow, and operational documentation.
- Led disaster recovery exercises across critical platforms, partnering with InfoSec, audit, DBA, and platform stakeholders to improve recovery procedures, incident readiness, and compliance documentation.
- Improved developer enablement through workshops, 1:1 troubleshooting, migration walkthroughs, Git workflow support, pipeline usage guidance, and Azure DevOps Wiki-style documentation.

Software Specialists (contracted to M&T Bank) - Buffalo, NY

TFS Administrator | 2015-2017

- Refactored TFS access control and administrative workflows across 200+ team projects to align with enterprise security requirements and reduce long-term operational complexity.
- Built automation for template changes, audit-response data gathering, policy enforcement, and permission monitoring, replacing ad hoc administrative work with repeatable platform processes.
- Contributed to disaster recovery testing, system hardening, platform governance, user support, and operational documentation for enterprise source control environments.

HP Enterprise Services - Herndon, VA

Release Manager (Federal Contract) | 2014-2015

- Managed release operations for regulated logistics platforms where deployment stability, traceability, documentation, and execution discipline were critical.
- Automated deployment and release-readiness workflows using PowerShell, Visual Studio, and TFS, reducing manual effort and improving consistency across release cycles.

AmCad - Herndon, VA

Senior Release Engineer / QA Analyst / Project Coordinator | 2008-2014

- Progressed into release engineering leadership for municipal software platforms, owning build, QA, packaging, deployment coordination, and production rollout support across client environments.
- Designed and implemented automated deployment pipelines using Jenkins, MSBuild, Automated Build Studio, and InstallShield to improve repeatability, build visibility, and release quality.
- Authored deployment packages, release documentation, implementation procedures, and customer-facing rollout materials supporting go-lives and controlled production changes.

EBE Technologies - East Moline, IL

System Administrator | 2005-2007

- Supported remote client environments, user administration, infrastructure troubleshooting, and tier 1-2 operational issues, building the systems foundation that led into release and platform engineering roles.

EDUCATION

University of Illinois at Urbana-Champaign - Bachelor of Science, Management Information Systems. Graduated 2005