

NATHANAEL D. RIES

Infrastructure & DevOps Engineer | eDiscovery Platform Specialist

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SUMMARY

Infrastructure and DevOps engineer with 7+ years in systems administration and 13+ years in eDiscovery — a rare combination for building, deploying, running, and supporting large-scale eDiscovery applications across varied infrastructure models. Specialize in automating build/deploy pipelines, replacing proprietary platforms with self-hosted open-source systems, and infrastructure-as-code-driven environment configuration. Deep AWS, Linux, Docker, PostgreSQL, and security-hardening experience in regulated environments, with hands-on knowledge of Relativity, NUIX, and Venio.

CORE SKILLS

DevOps & Automation: CI/CD & build/release pipelines, Infrastructure as Code, automated environment configuration & provisioning, Docker, automated installation/patching, PowerShell, SQL, C#, scripting; Terraform & Ansible (learning)

Cloud & Infrastructure: AWS (VPC, EC2, IAM, peering, cost optimization), Linux server admin, Windows Server, IIS, PostgreSQL, SQL Server, VPN, DNS/SSL, multi-environment (dev / validation / production) deployment

Security & Compliance: STIG/SCAP hardening, FIPS, LDAPS/Kerberos, TLS 1.3, TPM/Secure Boot, GPO, credential vaulting, security incident response, SOC 2-aligned documentation

eDiscovery Platforms: Relativity, NUIX, eCapture, Venio, Brainspace, Recenseo, Encase/Cellebrite (forensics); large-scale processing, ingestion & hosting; environment build/upgrade; team leadership

EXPERIENCE

Senior Systems Administrator

2023 – Present

Venio Systems, Inc. — eDiscovery software platform (Venio), Tullahoma, TN (Remote)

- **Environment automation & deployment:** Built and upgraded VenioOne environments across dev, validation, and production; developed automated installation, patching, and configuration procedures to standardize deployment and reduce manual error.
- **Infrastructure tooling:** Designed and deployed a custom Venio NSRL database upgrade tool and a PowerShell automation suite (AD/vault mapping, staged credential rotation, auditing) — lifecycle automation for repeatable, auditable operations.
- **Open-source platform replacement:** Migrated a proprietary identity tool to open-source PWM in Docker on existing Linux infrastructure, retiring the legacy server and cutting recurring spend — a repeatable proprietary-to-self-hosted pattern.
- **Security incident response & hardening:** Led a 53-action privileged-access offboarding across 7 systems (AWS IAM, EC2, VPN, vault, AD, SSL/DNS); drove STIG/SCAP hardening (FIPS, TLS 1.3, SQL TDE) in an FBI-hosted environment, with reusable documentation supporting SOC 2 readiness.
- **Platform architecture:** Authored SAML/SSO specifications making the platform provider-agnostic and specified 3-server reference architecture for new cloud clients.

Senior Application Support Engineer

Nov 2019 – 2023

Legility → Consilio, LLC (acquired) — global eDiscovery & legal services, Nashville, TN

- **Linux & PostgreSQL infrastructure:** Administered and troubleshot in-house Linux and PostgreSQL eDiscovery applications; implemented automated installation and patch procedures, standardizing deployments across the environment.
- **Automation & deployment support:** Automated and adapted SQL operations for the local environment, supported large-scale eDiscovery hosting platforms, and produced clear technical guidance ensuring standardized, repeatable installs.

EARLIER EDISCOVERY & SYSTEMS EXPERIENCE

- **Application Support Manager, Page One (2019)** — Led an eDiscovery tool-dev team (SQL, C#, PowerShell, Tableau); built metrics/reporting tooling; recruited talent.
- **eDiscovery Service Manager, Yerra Solutions (2018–2019)** — Led an eDiscovery team; drove workflow, quality, and process improvements; advised attorneys on collections.
- **eDiscovery Coordinator, Deloitte Transactions & Business Analytics LLP (2013–2018)** — Delivered projects on Relativity, NUIX, eCapture; processing, hosting, productions, and QC at scale.
- **Lead Desktop Support Technician, Trevecca Nazarene University (2009–2013)** — Built a Linux network-image deployment system; administered a Debian server; SSL/PKI generation and OS hardening.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **CompTIA A+** (certified) • **AWS Cloud Practitioner & HashiCorp Terraform Associate** (both in progress)
- Self-directed development across AWS, Docker, and IaC; portfolio & eDiscovery automation tools at github.com/nathanaelries.