

Jaremy A. Hatler

SECURITY ENGINEER · DEVSECOPS ENGINEER · US CITIZEN · ELIGIBLE FOR SECURITY CLEARANCE

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“There is no silver bullet solution with cybersecurity; a layered defense is the only viable defense.” — James Scott

Summary

Seasoned DevSecOps practitioner with deep expertise in cryptographic systems, Zero-Trust architecture, digital forensics, and secure software supply chains. Adept at weaving security best practices into every stage of development, fostering a culture of security awareness so that solutions and teams are secure by design at every level.

Experience

Enacted Services

Akron, OH

FOUNDER & CONSULTANT

Jul. 2024 — Present

- **Bootstrapped a hardened, self-hosting Linux distro** (Gentoo/systemd-based) anchored in cryptographic boot measurements, transparent multi-factor encryption, and immutability, **balancing the mitigation of Advanced Persistent Threats (APTs) with developer ease-of-use**.
- **Developed scripts and documentation to deploy YubiKeys across developer workflows** (FIDO2, PIV, OpenPGP), securing day-to-day cryptographic operations (STRIDE threat model), **improving developer identity assurance and reducing toil**.
- **Evaluated agentic AI, vector database, GPU virtualization (MLOps), and BaaS solutions** (e.g., LangChain, Weaviate, Firebase) for a client's early product ideation, orchestrating PoCs that **clarified technology choices within a broader architectural strategy** focused on security, reliability, performance, and future scalability.
- **Engineered a turnkey internal development platform (IDP)** using AWS Amplify, CloudWatch/X-Ray, Terraform, and GitHub Actions (GitOps), **bootstrapping observability** and instituting core security principles (least privilege, secure-by-default, etc.) in the infrastructure with a **shift-left AppSec approach** (SAST, DAST, CSPM), **effectively limiting technical debt and risk from project inception**.

Ezurio, Inc. (Formerly Laird Connectivity, Inc.)

Akron, OH

DEVOPS ENGINEER III (ENGINEERING — LEAD)

Jan. 2023 — Jul. 2024

- **Oversaw and collaborated with a transformation partner** to assess DevOps maturity and **map value streams** across the engineering organization, delivering a roadmap that launched a company-wide **DevOps Modernization initiative and Agile transformation**.
- **Architected and implemented an Internal Development Platform (IDP)** with Spacelift, Ansible, Terraform, Docker, Devcontainers, Packer, and GitHub Actions, incorporating **shift-left security** features (SCA, CSPM, SAST, DAST, policy-as-code), **GitOps** release management, and real-time cost monitoring while ensuring **SLSA level 3** artifact provenance for end-to-end software supply chain integrity. **GitHub Project:** jhatler/janus
- **Migrated all on-prem DevOps systems, data, and pipelines to AWS** through leveraging the IDP, retiring risky on-prem infrastructure, **saving \$21,000/year** in infrastructure costs, **reducing DevOps workload by 50%**, and enhancing system resilience; **effectively reducing high-severity, reactive issue resolution** in favor of a more deliberate, error-budget-aware approach.
- **Facilitated agile coaching** across engineering and PMO, fostering an iterative Plan-Do-Check-Act (PDCA) approach, cultivating an Agile Community of Practice, and aligning enterprise teams around new tools and processes to **ensure scaling of DevOps principles and responsiveness to evolving team needs** throughout the transformation.

Laird Connectivity, Inc.

Akron, OH

DEVOPS ENGINEER III (IT)

Jul. 2019 — Jan. 2023

- **Orchestrated a comprehensive domain migration** for all DevOps systems, developing a suite of custom tools for data analysis, staging/UAT setup, migration, validation, and rollback to ensure every reference (documentation, 1500+ Git repos, code reviews, issues) was transparently updated and referential integrity was maintained **without impacting any release cadence during corporate spin-off** (exceeding SLOs).
- **Centralized governance of 12+ AWS accounts** via Control Tower and Organizations, aligning enterprise teams during the normalization of environments and roll out of Guardrails, Microsoft Entra ID SSO, and role based access controls (RBAC), ultimately **providing a single-pane-of-glass for resources, compliance, and cost management**.
- **Architected and implemented hybrid-cloud infrastructure (AWS/VMware)** to support multi-tenant IoT device management, Secure Boot provisioning, Over-the-Air (OTA) updates, and secure PKI management using Terraform, Ansible, Helm, EKS (Kubernetes), Keycloak, Hawkbit, and HashiCorp Vault; hardening OTA CVE patching (SBOM management), **saving over 400 hours of implementation time** compared to alternative solutions, reducing the effort required to hit SLAs/SLOs, and **avoiding substantial cost and risk** inherent to custom-build PKI and Identity solutions.
- **Organized and directed a 12-hour DevOps Modernization Workshop** that brought together product managers, executives, and technical leads to align on topics synthesized from the DevOps Research and Assessment (**DORA**) framework, The Open Group Architecture Framework (**TOGAF**), The Open Group Service Integration Maturity Model (**OSIMM**), the Digital Practitioner Body of Knowledge (**DPBoK**), and DevSecOps research from Carnegie Mellon University Software Engineering Institute (**CMU-SEI**), successfully **culminating in executive buy-in** to onboard a specialized transformation partner **for ambitious development platform upgrades to accelerate time-to-market**.
- **Organized and moderated a DevSecOps roundtable** with approx. 50 total participants (10 speakers, 40 attendees), aligning strategic research from the US Department of Defense (**DoD**), National Institute of Standards and Technology (**NIST**), Center for Internet Security (**CIS**), and **CMU-SEI** with the organization's high-regulation environment and ISO 9001 requirements, **reinforcing shared ownership of quality and security awareness during a period of rapid change**.

Laird Connectivity, Inc. (Laird PLC Spin-off)

Akron, OH

DEVOPS ENGINEER II (IT)

Apr. 2018 — Jul. 2019

- **Oversaw an in-house migration** of digital marketing systems to AWS, performing a comprehensive architectural/security review of the existing vendor solution, **orchestrating the migration without downtime**, successfully integrating Dynatrace for observability, **improving site reliability under high-traffic conditions**, and **accelerating time-to-market for new campaigns**.
- **Developed custom tools to convert 300+ PlasticSCM repositories to Git**, preserving full history/metadata, **saving \$5k/year** on licensing, and enabling the professional services team to integrate into the central DevOps platform.
- **Authored and delivered an on-site Git training curriculum for 30+ engineers**, enhancing collaboration with the wider engineering organization and **motivating usage of shared automation**.
- **Owned the DevOps platform during two business-unit divestitures**, leveraging Infrastructure as Code to create parallel systems **without additional capex** and implementing Jira Service Desk to support ITSM within the organization, **exceeding SLOs with zero support tickets** under Transition Service Agreements.

Laird PLC

Akron, OH

DEVOPS ENGINEER I (IT)

May. 2016 — Apr. 2018

- **Transformed an undocumented legacy DevOps ecosystem** into a centralized platform (Jenkins, GitLab, Bugzilla, JFrog Artifactory, MediaWiki) by documenting workflows, creating job aids, tightening integrations, and executing a **zero-downtime P2V migration**.
- **Expanded DevOps systems to support 100+ newly acquired staff**, migrating data from Jira, SVN, and Redmine into Bugzilla, GitLab, and other platform tools and **coaching teams to adopt standardized processes**.
- **Engineered containerized DevOps environments** (Docker, Packer, Terraform, Rancher) to **support M&A activities and ensure business continuity**, achieving rapid recovery during a hyperconverged infrastructure failure with no data loss or missed deadlines.
- **Engineered cached Android BSP pipelines** (Docker, BTRFS, Jenkins) following extensive analysis of the Android build system and load testing of available infrastructure, successfully **cutting build times by 80% and reducing storage consumption by 40%** while preserving artifact integrity.

My1HR, Inc.

Akron, OH

AWS SYSTEMS ADMINISTRATOR

Mar. 2013 — Feb. 2016

- **Architected and scaled a secure, multi-tier AWS infrastructure** (EC2, RDS, ELB, S3, CloudFront) with **layered security controls** (IDP, DLP, SIEM) and **tightly integrated observability tools** (ELK, MySQL NDB Cluster Manager, NewRelic, Zabbix, Nagios) that powered a high-traffic, multi-tenant, HIPAA/HITECH/PCI-DSS compliant SaaS product which helped over **1M+ families annually** to enroll in healthcare plans — **exceeding SLAs by maintaining five-nines availability during peak seasonal traffic**.
- **Diagnosed and resolved critical MySQL NDB Cluster CGE crashes** (SEGFAULTS) by analyzing core dumps to pinpoint a memory page alignment bug and working with Oracle to deploy a patch within one week, **maintaining all SLOs and SLAs during the process**.
- **Bridged technical and compliance requirements**, leading infrastructure audit prep and documentation for **HIPAA/HITECH/PCI-DSS**, and producing architecture diagrams and artifacts for CTO/CIO.
- **Led incident response planning and runbook creation**, ensuring swift detection, root cause analysis, and mitigation of high-impact regulatory compliance incidents around **HIPAA/HITECH/PCI-DSS**.

Skills

	Advanced Cryptography & Secure Key Management, Threat Modeling, Zero-Trust & Security-First Architecture, Software Supply Chain Security, Vulnerability & Risk Assessments, Digital Forensics & Incident Response, Cloud Security Posture Management, Root Cause Analysis & Incident Triage, Systems Thinking and Complex Systems Analysis, Business Continuity & Disaster Recovery Planning (BCP/DRP), Creative Problem Solving, Process Optimization and Automation
Core	
Infrastructure	HashiCorp Vault, Keycloak, Kubernetes, etcd, Rancher, Spacelift, Crossplane, VMware vSphere, KVM/QEMU, Proxmox, Xen, Hyper-V, Ceph/Rook, Dell EMC, NetApp, Longhorn, GlusterFS, MetalLB, Harbor, Portus
Observability	ELK Stack, Prometheus, Grafana, Datadog, Dynatrace, Nagios, Icinga, Zabbix
Languages	Python, Shell, Bash, Go, Ruby, C/C++, JS/TypeScript, SQL, Perl, Cucumber, C#, PHP, Groovy, Make, x86 Assembly, Lisp, Pascal, LaTeX
DevOps	Terraform, Docker, Jenkins, GitHub Actions, GitLab CI/CD, Ansible, Helm, Packer, Vagrant, Puppet, Chef, Devcontainers
AWS	IAM, CloudTrail, Config, Secrets Manager, KMS, VPC, CloudFormation, CloudWatch, Control Tower/Organizations, EC2, S3, RDS/Aurora, DynamoDB, ECS/EKS/ECR/Fargate, Lambda, Route 53, API Gateway, Systems Manager, X-Ray, CloudFront, SNS/SQS, ElastiCache, AppConfig, Cognito, Amplify, EFS, SES
GCP	IAM, VPC, Secret Manager, Identity Platform, Shielded VMs, Kubernetes Engine (GKE), Compute Engine, Cloud Storage, Cloud Functions, Cloud Run, API Gateway, Cloud APIs, Cloud Pub/Sub, App Engine
Stack	Nginx, Apache, HAProxy, PostgreSQL, MySQL, Microsoft SQL Server, Redis, Appwrite, Weaviate, HTML, CSS, JavaScript, Vue.js, Svelte

Education

The University of Akron — Honors College

Akron, Ohio

COURSEWORK TOWARDS: B.S. ELECTRICAL ENGINEERING, B.S. COMPUTER SCIENCE; LEFT FOR CAREER OPPORTUNITIES

2011 — 2015

- President's List (4.0 GPA) — 5 semesters

Kenmore High School

Akron, Ohio

HONORS DIPLOMA

2013

MARCH 15, 2025

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2