Jaremy A. **Hatler**

PLATFORM ENGINEER · US CITIZEN · ELIGIBLE FOR SECURITY CLEARANCE

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"Platforms are about creating ecosystems and encouraging others to build on top of them." — Tim O'Reilly

Summary

Forward-thinking Platform Engineer skilled at creating scalable, self-service systems that empower dev teams to experiment and innovate while maintaining security and compliance. With a focus on automated infrastructure, cost governance, consistent developer experiences, and shift-left security practices, I transform complex environments into hardened, highly automated, self-service platforms reducing manual effort.

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.
- **Onboarded and mentored a new DevOps Engineer** to gain deep knowledge of our diverse ecosystem and become the primary DevOps SME for the organization, **ensuring continuity of expertise within 18 months**.

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**.

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**.
- **Streamlined infrastructure management** by migrating from Chef/RightScale to CloudFormation/Puppet, improving autoscaling agility by 40% and **saving $50k/year**.
- **Evangelized Docker for local development**, standardizing tooling across a 30-person team and **saving 20+ hours** during developer onboarding.

Skills

Core	Systems Thinking and Complex Systems Analysis, Enterprise Architecture & Roadmapping, Value Stream Mapping & Workflow Engineering, Agile Methodologies & Iterative Development, Process Optimization and Automation, High-Impact Migrations & Transformations, Cost Optimization, Software Development Life Cycle (SDLC) Management, Cloud Security Posture Management, Cross-Functional Collaboration, Stakeholder & Vendor Management, Technical Leadership and Mentoring
Infrastructure	Kubernetes, Rancher, etcd, Crossplane, Spacelift, VMware vSphere, KVM/QEMU, Proxmox, Xen, Hyper-V, Dell EMC, NetApp, Ceph/Rook, Longhorn, GlusterFS, MetalLB, Harbor, Portus, HashiCorp Vault, Keycloak
Observability	Prometheus, Grafana, ELK Stack, Datadog, Dynatrace, Nagios, Icinga, Zabbix
AWS	CloudFormation, VPC, EC2, S3, IAM, CloudWatch, ECS/EKS/ECR/Fargate, RDS/Aurora, DynamoDB, Route 53, CloudTrail, Config, Systems Manager, Secrets Manager, CloudFront, Lambda, KMS, SNS/SQS, X-Ray, ElastiCache, API Gateway, Control Tower/Organizations, Cognito, AppConfig, Amplify, EFS, SES
GCP	Kubernetes Engine (GKE), Compute Engine, VPC, Cloud Storage, App Engine, Cloud Run, Cloud Functions, API Gateway, Cloud Pub/Sub, IAM, Secret Manager, Cloud APIs, Identity Platform, Shielded VMs
DevOps	Terraform, Docker, Jenkins, GitHub Actions, GitLab CI/CD, Ansible, Helm, Packer, Vagrant, Puppet, Chef, Devcontainers
Languages	Python, Go, Shell, Bash, Ruby, C/C++, Groovy, Make, SQL, JS/TypeScript, Perl, C#, PHP, Cucumber, x86 Assembly, Lisp, Pascal, LaTeX
Stack	PostgreSQL, MySQL, Redis, Microsoft SQL Server, Nginx, Apache, HAProxy, 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*