

Luke A. Ericksen

SOFTWARE ENGINEER

linkedin.com/in/lukeericksen | github.com/meistyr | meistyr.tech

SUMMARY

Software engineer who builds backend systems and operates them in production. Designed and ran a live esports league platform through seven competitive seasons for 7,100 users with no unplanned downtime, owning it from the schema to the server. Four years in security and IT operations before and alongside that, where the code was detection logic and automation.

SOFTWARE ENGINEERING EXPERIENCE

Full Stack Engineer | Car Soccer City

May 2026 – Present

- Building the league management platform for an established competitive league that approached me after the Royalty Series work, replacing spreadsheet-based operations with a database-driven system in NestJS, TypeScript, Prisma, and PostgreSQL, with a React and Next.js frontend.
- Currently in alpha with league stakeholders, delivering against their requirements on a regular reporting cadence.

Founder & Full Stack Engineer | Royalty Series

Jan 2024 – May 2026

- Designed and built a production esports league platform in NestJS, TypeScript, Node.js, Nuxt, Vue, and MySQL covering registration, rosters, schedules, standings, statistics, and Discord integration.
- Operated seven competitive seasons over two years for roughly 200 teams and 600 players per season, serving 7,100 users across 42,000 sessions and 235,000 events with no unplanned downtime.
- Sustained a 62% engagement rate at four minutes of average engagement per user, split between desktop at 6m 18s and mobile at 1m 52s.
- Deployed and operated production infrastructure on Ubuntu, PM2, Cloudflare, GitHub Actions, and DigitalOcean, owning releases and incident response.

PROFESSIONAL EXPERIENCE

Cyber Security Analyst, promoted from Associate Apr 2025 | Dominion Energy

Feb 2024 – May 2026

- Performed detection engineering and threat hunting across a Fortune 500 enterprise environment, where detection quality directly governed analyst workload.
- Tuned detection logic to improve alert fidelity and reduce false positives, keeping the alert queue clear week to week.
- Ran security incidents end to end on the NIST lifecycle: containment, eradication, recovery, post-incident review.
- Delivered security data ingestion and API integration work, building internal tooling that replaced manual SOC workflows.

Network & Device Security Contract | ProAmenities

Sep 2023 – Feb 2024

- Network and endpoint security assessments across client environments, with hardening and remediation recommendations.

Systems Administrator | Networking Technologies and Support

Feb 2022 – Sep 2023

- Administered Windows, networking, and security infrastructure across 90+ client environments ranging from small businesses to regulated enterprise clients, covering Active Directory, networking, endpoint security, VPN, and hardware deployment.
- Set up and configured a PXE boot imaging server that enabled rapid multi-client image deployment, replacing per-machine manual imaging.
- Built Proxmox lab environments with isolated VLANs replicating client production systems, and scripted testing and security validation against them.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, PowerShell

Backend & data: Node.js, NestJS, REST API design, JWT, OAuth, RBAC, Prisma, PostgreSQL, MySQL, database design

Frontend: React, Next.js, Vue, Nuxt

Infrastructure: Docker, Linux, PM2, GitHub Actions, Cloudflare, DigitalOcean, Proxmox, AWS S3

Identity & access: AWS IAM, Azure AD (Entra ID), Active Directory

Security: detection engineering, SIEM operations (Splunk, Elasticsearch), EDR/XDR, threat hunting, MITRE ATT&CK, incident response, log analysis, security automation

Delivery: coding agents (Claude Code, Codex, GitHub Copilot) for production implementation, architecture review, and design

SELECTED PROJECT

Threat Intelligence Ingestion Pipeline

- Built a Python pipeline that parsed PDF, Excel, CSV, and JSON threat intelligence reports with a drop-in parser per file type, replacing manual extraction and entry of indicators.
- Validated every indicator against the format for its type and filtered known-benign values before onboarding them into a SIEM as detection-ready content.
- Extracted indicators with regex, pdfplumber, and openpyxl, restored defanged values, and mapped inconsistent spreadsheet headers across sources; analysts ran it from the command line.

EDUCATION & CERTIFICATIONS

B.S. Computer Information Science, 2023 | ECPI University | Valedictorian, Summa Cum Laude, GPA 4.0

GIAC Security Essentials (GSEC), 2025 | CompTIA Security+, 2022 (renewed 2025) | Splunk Core Certified Power User, 2025