

Ruby on Rails • PostgreSQL • KVM • Cloud Infrastructure • CI/CD • EC2 / VM • Docker

STAFF / PRINCIPAL PLATFORM, SOFTWARE & DEVOPS ENGINEER

PLATFORM • FULL-STACK • DEVOPS • CLOUD • SECURITY • AI • ARCHITECTURE

Senior Platform, Full-Stack, DevOps, & Cyber Security engineer with 30+ years building and operating production software systems. Specialized in Ruby on Rails platforms, cloud infrastructure, and scalable DevOps pipelines, API-driven systems across AWS, Azure, and Google Cloud. Proven track record modernizing legacy applications, designing Docker-based platforms, and implementing CI/CD, observability, and reliability engineering practices. Known for improving developer productivity, enforcing engineering standards, and operating highly reliable production systems. Experienced in securing production environments across cloud and on-prem systems, including system hardening, access control (IAM), network security, monitoring, and incident response. Background supporting HIPAA-aligned medical systems and earlier work within government environments requiring strong data protection, auditability, operational security discipline and confidentiality.

IMPACT

*Rails 5→7 migration • Docker platform adoption • CI/CD enforcement • Reliability
Production & Architecture Ownership • Legacy modernization • Infrastructure cost reduction*

PROFESSIONAL EXPERIENCE

HERDDOGG – Seward, NE (Remote)

Nov 2023 – Jan 2026 (2+ yrs)

Senior Software / DevOps Engineer

Architected and operated production Rails platform and DevOps infrastructure supporting IoT-driven livestock monitoring systems.

- *Designed and implemented the company's first Docker-based development and production platform, reducing onboarding and environment issues by ~60%.*
- *Owned production infrastructure including PostgreSQL, MongoDB, Redis, AWS, and Heroku environments.*
- *Designed & supported REST API integrations & data workflows across internal & 3rd-party systems.*
- *Implemented CI/CD pipelines, automated testing, and linting using GitHub Actions, significantly reducing production regressions.*
- *Implemented secure access controls (IAM), environment isolation, and monitoring to reduce attack surface and improve detection of anomalous activity*
- *Improved search and caching pipelines, reducing lookup latency by ~30%.*
- *Led zero-downtime migration of production Rails platform from Rails 5 to Rails 7.*

TRAVEL HEALTH AMERICA &

LIFESTREAM DEVELOPMENT GROUP – Bismarck, ND

Spring 2001 – Apr 2022 (20+ yrs)

Senior Full-Stack Software / DevOps Engineer, IT Consultant

Served as the primary engineer responsible for application development and infrastructure operations.

- *Scaled infrastructure from one to 22 production systems supporting medical software platforms.*
- *Eliminated external IT providers and built internal engineering capability.*
- *Reduced operational costs by approximately \$250K through infrastructure optimization.*
- *Designed and maintained EMR/EHR platforms used in clinical environments.*
- *Implemented infrastructure automation, system hardening, access controls, monitoring, & backup strategies for HIPAA-aligned medical systems handling sensitive patient data.*
- *Led incident response efforts for production outages and security-related events, including containment, remediation, and post-incident analysis*

GRATIEL TECHNOLOGIES – Bismarck & Steele, ND

Jul 2012 – Present (13+ yrs)

Founder / Consultant (Part-time)

Provided software architecture and DevOps consulting across healthcare, legal, and enterprise organizations.

- *Delivered multiple **Ruby on Rails platforms** for healthcare, mediation, and internal portals.*
- *Built infrastructure automation and test pipelines using **RSpec, Chef, and Docker**.*
- *Implemented monitoring, backup systems, and CI/CD workflows.*
- *Led data migration and system modernization initiatives.*
- *Saved clients on average **45% in time and costs**.*

G2.COM – Chicago, IL

Apr 2022 – Mar 2023 (11 mos)

Senior Software Engineer

Worked on high-traffic Rails services supporting a major B2B software marketplace.

- *Developed & maintained Rails services supporting a platform serving ~4.2M monthly B2B SaaS users.*
- *Participated in DevOps operations and production deployment workflows.*
- *Rapidly onboarded into a complex codebase and deployment ecosystem.*

FIRST COURT, INC – Mandan, ND

Jun 2012 – May 2016 (4 yrs)

Systems Administrator / DevOps & Full-Stack Software Engineer

- *Modernized server infrastructure and cloud-hosted legal applications.*
- *Improved backup reliability and operational monitoring.*
- ***Decreased CI/CD pipeline time by 40%** by introducing **Chef automation**.*
- *Supported online dispute resolution & mediation platforms.*

SYKES ENTERPRISES – Bismarck, ND

Jul 1999 – Nov 2001 (2.3 yrs)

Computer Support Technician

Provided Tier-2 technical support for Gateway Computers customers.

- *Diagnosed hardware, software, and networking issues.*
- *Contributed to team growth from **10** → **30 technicians**.*
- *Helped the team achieve **#1 national performance ranking for six months**.*

WINDATA, INC – Bismarck, ND

Feb 1998 – May 1999 (1.25 yrs)

Computer Technician, Programmer-Analyst, Website Designer

- *Delivered outsourced software development and infrastructure support for regional healthcare organizations including Pathology Consultants, **Sanford Health**, and **Travel Health America**.*
- *Developed internal software tools and database applications supporting oil production operations for Production Access.*
- *Designed and deployed early web platforms, including website development, email servers, telnet services, and automated fax/voice messaging systems.*
- *Provided full-stack technical support across networking, server administration, software development, and systems integration for multiple client environments.*

NORTH DAKOTA OFFICE OF ATTORNEY GENERAL – Bismarck, ND

Jan 1995 – Nov 1996 (1.9 yrs)

Computer Technician, Programmer-Analyst, Website Designer

- *Developed the agency's **first employee evaluation system** saving 35% of time and money.*
- *Built the organization's **first public website**.*
- *Worked within a government environment emphasizing data security, confidentiality, and controlled access to sensitive information*

PROJECTS – at github.com/wanchic

[wanchic-portfolio](#) – Rails App Portfolio to demonstrate Software & DevOps Engineering

[wanchic.github.io](#) – Static HTML Portfolio to demonstrate Software & DevOps Engineering

CORE TECHNOLOGIES

- Languages** – *Ruby (13 yrs), Python, PHP, Rust, Classic ASP (earlier career)*
- Frameworks** – *Rails (13 yrs), React, SASS, Tailwind, REST APIs*
- Databases** – *PostgreSQL (17 yrs), MongoDB, Redis, MySQL*
- Cloud** – *AWS (13 yrs), Azure, Google*
- DevOps** – *CI/CD (12 yrs), Git/GitHub Actions, Kamal, Chef, Terraform, Agile/Scrum environments*
- Observability** – *Grafana, Prometheus, BetterStack, Skylight*
- OS** – *Linux / Ubuntu (18 yrs), Windows (26 yrs), Apple*
- Infrastructure** – *KVM (15+ yrs), Docker (10 yrs), Kubernetes*
- AI Tools** – *OpenAI 5.x, Codex, Octave (ML), foundational ML coursework (Andrew Ng, Coursera)*
- Security** – *System hardening, firewall configuration (iptables/NAT), IAM/least privilege, WAF, logging & monitoring, incident response, HIPAA-aligned systems, OWASP*

ONLINE PROFILES

- LinkedIn** – [linkedin.com/in/wanchic](https://www.linkedin.com/in/wanchic)
- GitHub** – github.com/wanchic
- Docker** – hub.docker.com/repositories/wanchic
- StackOverflow** – stackoverflow.com/users/1257980/eric-wanchic

CLOUD & PAGE PORTFOLIOS

with Cloudflare WAF

- GitHub** – eric.wanchic.com – Static HTML
- AWS** – aws.wanchic.com – Rails Docker EC2 – aws.wanchic.net
- Azure** – azure.wanchic.com – Rails Docker VM – azure.wanchic.net
- Google** – google.wanchic.com – Rails Docker VM – google.wanchic.net

TECHNICAL LEADERSHIP

- *Architected infrastructure and deployment standards across multiple organizations.*
- *Introduced CI/CD pipelines, testing standards, and engineering automation.*
- *Authored runbooks, operational documentation, and developer onboarding systems.*
- *Led modernization initiatives for legacy software platforms.*
- *Owned production infrastructure and reliability across full application stacks.*

HIGHLIGHTS

- *Reliable operations mindset: backups, patching, least privilege, observability.*
- *Clear communicator: runbooks, documentation, and user-friendly support.*
- *Comfortable owning systems end-to-end.*

LICENSES & CERTIFICATIONS

- Supervised Machine Learning: Regression & Classification** – Coursera, Stanford, DeepLearning.AI **Apr '26**
- Machine Learning: Advanced Learning Algorithms** – Coursera – (In progress) **Apr '26**
- ARRL Codeless, General, Extra Class License - FCC** Jan '95, Feb '22, **Jun '24**
- AWS Essential Training for Developers - LinkedIn** Jul '22
- CSSLP Cert Prep: 4 Secure Software Implementation - LinkedIn** Jul '22
- Learning the OWASP Top 10 - LinkedIn** Jul '22
- Black Belt & Teaching Certification** – Sanano Karate Club Aug '19
- Ruby on Rails I & II: Advanced Real-world Techniques - The Pragmatic Studio** Dec '10, **Jun '11**