WILL FELLHOELTER

DevOps Engineer | Full Stack Engineer

+16203882868 willfellhoelter@gmail.com Denver

EXPERIENCE

Senior Full Stack Engineer

Forml

07/2024 - Present Remote

Forml is a startup offering a no-code platform for creating predictive AI models. It features document scanning tools and AI-driven data querying capabilities.

- Lead end-to-end development of a robust, full-stack platform leveraging Python, Angular, AWS, Redis, and PostgreSQL as the first engineering hire
- Create sophisticated API integrations and system architectures, enabling the platform to support twice the user base within two months, resulting in a rapid promotion to Senior Full Stack Engineer due to measurable impacts on growth and scalability
- Collaborate closely with founders and clients to craft quarterly roadmaps, ensuring product vision aligns seamlessly with technical execution, significantly enhancing workflow efficiency and client satisfaction
- Design and maintain secure, high-performance external APIs using AWS, Terraform, and Python, significantly reducing integration time and improving system reliability
- Develop and maintain secure external APIs using AWS, Terraform, and Python, streamlining integrations and significantly reducing client onboarding time
- Engineer streamlined, one-click deployment solutions for on-premise clients, reducing onboarding time from 3 days to just 4 hours while ensuring compliance with security and performance standards
- Engineer advanced features to optimize workflow processes, client satisfaction, and alignment between technical capabilities and business objectives

DevOps Engineer

Project Canary

05/2023 - 07/2024 Denver, United States

Project Canary helps energy companies reduce emissions through advanced sensors and analytics. Its solutions provide actionable environmental data.

- Orchestrated enterprise-wide observability strategy for 10+ critical services, implementing proactive monitoring that maintained 99.99% uptime
- Built a self-service ephemeral environment tool with a UI for branch selection, data sources, and one-click deployment, streamlining testing and accelerating development
- Architected performance optimizations for high-throughput time-series PostgreSQL databases, resolving critical production bottlenecks that improved query performance by 23%
- Planned and executed migration of observability infrastructure to New Relic, reducing monitoring costs by 14% and improving cross-service visibility and reliability
- Designed and implemented disaster recovery (DR) strategies, leveraging automated backups, failover mechanisms, and chaos engineering principles to ensure system resilience and data integrity
- Created a full-stack retrieval augmented generation application using AWS Bedrock and vector databases, increasing cross-departmental information access efficiency by 80%
- Drove SOC II certification by designing and implementing automated security controls, achieving full compliance while reducing audit preparation efforts by over 30%

SUMMARY

DevOps/Full Stack Engineer with 6+ years of experience designing and operating developer-centric infrastructure and automation solutions. Passionate about building self-service platforms, optimizing developer velocity, and enhancing developer workflows. Proficient with containerized solutions, Terraform, CI/CD, and cloud automation at scale, with a strong focus on reliability, security, and observability. My full-stack experience further enhances my ability to understand developer needs and priorities, allowing me to build more effective tools and platforms that directly support their workflows.

SKILLS

Infrastructure & Platforms

ECS, Kubernetes, Terraform, Docker, CI/CD, AWS, Azure, GCP, Ansible, Chef, Puppet

Observability & Reliability

Prometheus, New Relic, Datadog, AWS CloudWatch, Redis, Timescale, Opensearch, Logging Pipelines, Splunk

Developer Enablement & CI/CD

GitHub Actions, GitOps, ArgoCD, Bitbucket Pipelines, Azure DevOps, AWS CodePipeline, Jenkins, Test Automation (Pytest, Cypress)

Programming Languages

Python, TypeScript, JavaScript, Java, Bash, C#, .NET, PHP

Databases & Storage

PostgreSQL, MySQL, Cassandra, Redis, TimescaleDB, Snowflake, Domo

EDUCATION

Management Information Systems

Wichita State University

2014 - 2018 Wichita

STRENGTHS

Team Oriented

Encourage teamwork through open communication and collaborative problem-solving, making challenges both effective and enjoyable.

EXPERIENCE

DevSecOps Engineer

Lendflow

08/2021 - 05/2023 Remote

Lendflow provides embedded lending software, helping businesses access capital, increase revenue, and boost customer engagement.

- Built ephemeral infrastructure solutions for developers and QA, eliminating persistent environment costs by 32%
- Enhanced logging and observability by implementing a centralized OpenSearch solution, reducing issue identification time from ~3 hours to under 10 minutes and significantly improving MTTR
- Served as on-call engineer, ensuring 99.9999% uptime for 20K+ users by managing incident response, reducing average ticket resolution time by 25%, and improving overall system reliability
- Developed a Flask-based API integration for automated client billing, reducing manual invoicing efforts by 70% and eliminating billing errors
- Built CI/CD pipelines with Bitbucket and AWS CodeBuild, decreasing deployment time by 35% while increasing deployment success rate to 99.8%
- Implemented AWS WAF and CloudFront to reduce security incidents by 60% and strengthen application security posture.

DevOps Engineer

MCG

02/2020 - 08/2021 Remote

MCG Health delivers AI-driven clinical guidance, simplifying healthcare decisions and optimizing patient care.

- Led migration from on-premises infrastructure to Azure Cloud for 3+ teams, achieving 99.9999% annual uptime and reducing client error reports by 27%
- Migrated configuration management from Chef to Ansible for 100+ Windows servers, reducing configuration errors by 82% and improving system visibility through Datadog integration
- Engineered load testing frameworks using JMeter and Azure Container Instances, validating platform reliability at scale and ensuring 99.99% SLA compliance by proactively identifying and mitigating potential outages
- Designed modular Terraform components to standardize cloud infrastructure, accelerating new environment setup from approximately 2 days to 1 hour while consistently enforcing security best practices
- Created comprehensive documentation and run books for infrastructure components, reducing onboarding time for new team members by 30%

Systems Engineer

Cerner

09/2018 - 08/2021 Kansas City, United States

Cerner offers electronic health record (EHR) systems, enhancing healthcare efficiency and patient outcomes.

- Built an AWX-powered UI for scheduling data restoration jobs and spinning up ephemeral test environments, enabling seamless developer workflows
- Managed patching, upgrades, and support for 600+ hosts in vSphere, ensuring system stability and security across production and non-production environments
- Utilized tools like Git, Chef, Ansible, Jenkins, Splunk, Spinnaker, AWS, Docker, and Jira to drive automation, monitoring, and continuous delivery in a fast-paced DevOps environment
- Created Ansible playbooks to automate server configuration and troubleshooting, saving the team 40+ hours per month by eliminating manual tasks
- Implemented automated monitoring solutions using Splunk, reducing critical system incident response time by 65% and allowing for proactive issue resolution

STRENGTHS

Cloud Expertise

Expert in AWS, Azure, and GCP, specializing in secure, cost-efficient cloud architectures that optimize infrastructure and scalability

Python

Proficient in Python with extensive experience across diverse applications, including API development, machine learning, event-driven architectures, and operational orchestration.

Adaptability

With experience spanning systems engineering, DevOps, and full-stack development, I've developed a strong foundational understanding of the OSI model. This perspective has made learning new tools and methodologies increasingly intuitive and efficient.

ACHIEVEMENTS

Ephemeral Environment Automation

Built ephemeral environment tools enabling on-demand testing, streamlining workflows across development, QA, and customer success teams.

Cross-Department Efficiency with AI

Increased cross-department efficiency by 80% with RAG Application.

Security Compliance & Readiness

Drove security initiatives essential to passing SOC 2 Type I and Type II audits through automated controls and proactive compliance measures.

Hackathon 3rd Place

Placed 3rd out of 50 teams in a Cerner hackathon, collaborating on an idempotent solution for deploying and managing a Confluent Kafka stack using Ansible.

VOLUNTEERING

Tech Academy Instructor

Cerner

2018 - 2020

Conducted biweekly four-hour sessions to educate new hires on fundamental Linux concepts and efficient system utilization.