

ERNIE BRODEUR

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DevOps and Cloud Operations Engineer

PROFESSIONAL SUMMARY

DevOps and cloud operations engineer with a backend development foundation. Builds CI/CD pipelines, automates deployments, runs services on AWS, instruments production systems, and turns recurring operational work into reliable tooling.

TECHNICAL SKILLS

Cloud & Delivery: AWS ECS / EC2 / S3 / Lambda, CloudWatch / IAM, Docker, GitHub Actions / CircleCI, TeamCity / Jenkins, Git workflows / code review

Observability: Splunk, Grafana, CloudWatch, APM / distributed request tracing with Splunk, Dashboards / alerting

Systems & Operations: Linux administration, Bash / shell scripting, TCP/IP / DNS / HTTP(S) / VPN / SSL, Incident response / on-call, Root-cause analysis, Runbooks / operational documentation

Languages & Backend: Ruby, Go, Python, JavaScript / TypeScript

Data: PostgreSQL

Leadership: Technical team leadership, Architecture and code review, Mentoring and training, Cross-functional incident coordination

PROFESSIONAL EXPERIENCE

INDEPENDENT DEVELOPMENT

Backend Developer / DevOps

Remote
Oct 2024 - Present

- Build tools in Ruby, Python, Go, JavaScript, and TypeScript for independent and client work.
- Released MCP-Grep, a Python search tool, as open source.

GOX LABS

Lead Backend Developer / Technical Team Lead

Remote
Dec 2022 - Sep 2024

- Migrated legacy services to AWS ECS and reduced infrastructure costs during a lean operating period.
- Set up CI/CD pipelines for automated testing and deployment.
- Upgraded Rails 5 to Rails 7 with zero downtime.
- Instrumented services with logging and monitoring and debugged production issues across the Ruby/Rails stack.

COMCAST TECHNOLOGY SOLUTIONS

Software Developer - Backend

Remote
Jan 2017 - Aug 2019

- Automated a deployment pipeline, reducing the cycle from six hours to one minute and saving approximately \$300,000 per year.
- Built an RSpec suite with near-100 percent coverage plus Splunk dashboards for production monitoring and alerts.

COMCAST TECHNOLOGY SOLUTIONS

Technical Support Lead

Remote
Sep 2015 - Jan 2017

- Built Splunk dashboards tracking latency, error rates, and throughput and configured alerts to surface problems before customers reported them.
- Improved mean time to recovery through operational tooling, runbooks, documentation, and training.

THEPLATFORM FOR MEDIA

Application Support IV

Seattle, Washington
Jun 2014 - Sep 2015

- Traced requests across microservices with Splunk and debugged API failures, timeouts, and data inconsistencies.
- Maintained production host health, participated in a 24/7 on-call rotation, and mentored newer engineers.

THEPLATFORM FOR MEDIA

Senior Support Engineer

Seattle, Washington
May 2013 - Jun 2014

- Performed root-cause analysis through log correlation and communicated directly with customers during outages.

EDUCATION & RECOGNITION

LAKE WASHINGTON TECHNICAL COLLEGE

Associate in Computer Networking Security and Forensics

2007 - 2009

Comcast Starr Award, Feb 2018 - Awarded for an automated deployment system that reduced labor costs by approximately \$300,000 per year.