

AI for DevOps

AI-Powered CI/CD Analysis, Deployment Tracking, and Debug Acceleration

Instant DevOps Intelligence with Natural Language

Analyze CI/CD pipeline failures, track deployments, and accelerate debugging without specialized log query expertise. Ask questions in plain English.

Sample AI Prompt

"Analyze CI/CD pipeline failures from the last 24 hours. Identify patterns, root causes, and suggest fixes."

From a single prompt, the AI analyzes build logs and delivers:

What You Get

Build Failure Matrix	Root Cause Analysis	Optimization Tips
Suggested Fixes	Trend Analysis	Code Snippets

Build Failure Matrix (sample output)

Priority	Pipeline	Failure Type	Count
CRIT	main-deploy	Integration test fail	23
HIGH	api-build	Dependency resolution	18
MED	frontend-ci	Lint errors	31
LOW	docs-build	Asset compilation	17

Root Cause Analysis

Pipeline	Root Cause
main-deploy	Test "user-auth-flow" race condition
api-build	npm registry timeout (09:00-11:00 UTC)
frontend-ci	ESLint v9 introduced new rules
docs-build	Node heap size insufficient

Pipeline Metrics (sample output)

Metric	Value	Status
Total Builds	1,247	-
Failed Builds	89 (7.1%)	Above target
Avg Duration	12m 34s	On target
Flaky Tests	4 identified	Action needed

Optimization Opportunities

Optimization	Time Saved
Cache npm dependencies	-4m 12s
Parallelize test suites	-2m 45s
Skip unchanged modules	-1m 30s

AI-Generated Fixes

```
# Fix flaky test with explicit waits (Playwright)
await page.waitForSelector('[data-testid="auth-complete"]');

# Add npm registry mirror in .npmrc
registry=https://registry.npmjs.org/

# Increase Node heap for large builds
export NODE_OPTIONS="--max-old-space-size=4096"
```

Key Capabilities

CI/CD Pipeline Analysis

Build failures, bottlenecks, flaky tests

Deployment Tracking

Correlate deploys with app behavior

Debug Acceleration

AI-powered stack trace analysis

Log Sources

LogZilla ingests logs from CI/CD pipelines and infrastructure via syslog, file, or API:

CI/CD Logs

Jenkins, GitLab Runner, GitHub Actions runners

Container Logs

Docker daemon, Kubernetes pods, containerd

Build Servers

Build agent logs, artifact server logs

App Servers

Application logs, stdout/stderr streams

Infrastructure

Linux syslog, systemd journal, Windows Event

+ More

Any syslog, file tail, or webhook source

Outcome Metrics

Build Failure Triage
Hours → Minutes

Deployment Debugging
Days → Hours

Regression Detection
Post-incident → Proactive