

DevOps Tools

Tool	One-liner
Docker	Containerization platform to package apps with all dependencies.
Kubernetes	Orchestrates and manages containers at scale in production.
Argo CD	GitOps tool for continuous delivery to Kubernetes clusters.
GitHub Actions	CI/CD automation service built into GitHub for pipelines.
AWS CodePipeline	AWS-native CI/CD service for end-to-end software delivery.
ARM Templates	Azure Infrastructure-as-Code using JSON templates.
CloudFormation	AWS Infrastructure-as-Code service to automate resource deployment.
Terraform	Cloud-agnostic Infrastructure-as-Code tool using HCL.
Bicep	Simplified domain-specific language for Azure IaC.
Prometheus	Metrics collection & alerting tool for infrastructure and apps.
Grafana	Visualization and dashboarding tool for monitoring data.
New Relic	Application performance monitoring & observability platform.
Datadog	Full-stack observability — logs, metrics, tracing, security.
GitLab	DevOps platform with built-in SCM, CI/CD, and security tools.
GitHub	Source code hosting and collaboration platform.
Bitbucket	Git repository hosting solution by Atlassian.
SonarQube	Static code quality and security scanning platform.
Chef	Configuration management tool using Ruby-based automation scripts.
Ansible	Agentless configuration automation and orchestration tool.
Puppet	Configuration management with agent-based architecture.
Azure DevOps	End-to-end DevOps suite with repos, pipelines, boards, artifacts.
DevOps	Culture + practices + tools to automate and improve software delivery.