Devops tools

Version Control:

- Git: Widely used for version control and collaboration on source code.

Continuous Integration and Continuous Delivery (CI/CD):

- Jenkins: A robust open-source automation server for building, testing, and deploying code.
- CircleCI: Offers easy configuration and integration with various version control systems.
- GitLab CI/CD: Integrated with GitLab, providing end-to-end CI/CD pipelines.

Configuration Management:

- Ansible: Known for its simplicity and agentless approach to configuration management.
- Chef: Offers powerful automation capabilities for managing infrastructure and configurations.
- Puppet: Provides infrastructure automation and management using a declarative language.

Containerization and Orchestration:

- Docker: Industry-standard containerization platform for packaging applications and their dependencies.
- Kubernetes: A powerful container orchestration platform for managing containerized applications.

Infrastructure as Code (IaC):

- Terraform: Popular for provisioning and managing infrastructure resources across various cloud providers.
- AWS CloudFormation: AWS-specific tool for managing AWS infrastructure using templates.

Monitoring and Logging:

- Prometheus: A highly flexible open-source monitoring and alerting system.
- Grafana: Visualizes metrics and monitoring data from various sources.
- ELK Stack (Elasticsearch, Logstash, Kibana): Provides powerful log management and analysis capabilities.

Collaboration and Communication:

- Slack: Widely used messaging and collaboration platform for real-time communication.
- Microsoft Teams: Integrated with Microsoft services for seamless collaboration.