

DevOps Roadmap

1. Learn programming languages

Python
Golang
Javascript
Ruby

3. Network and Security

TCP/IP Fundamental
Protocols: DNS, HTTP/s,
FTP, SSL ...

5. Infrastructure as code

Configuration Management

Ansible
Puppet
Chef
Salt Stack

Container

Docker
rkt
LXC

Container Orchestrators

Kubernetes
Openshift
NoMad
Docker Swarm

Infrastructure Provisioning

Terraform
AWS Cloudformation
Azure template
Google Deployment Manager

7. Monitoring and Logging

Monitoring

Zabbix
Prometheus
Grafana
DataDog
New Relic
CheckMK

Logging

ELK
Graylog
Splunk

2. Server Administration

Linux
Unix
Windows

4. Servers

Web server

Apache
Nginx
Tomcat
IIS
Jetty

Caching

Redis
MemCache

NoSQL

Mongo DB
Cassandra
AWS DynamoDB
Google Datastore

Database

SQL

Oracle DB
MySQL/MariaDB
PostgreSQL
MS-SQL

6. CI/CD

Jenkins
TeamCity
Circle CI
Travis CI
AWS Code Pipeline
Google Cloudbuild
Gitlab CI
Bitbucket Pipeline
Github Action

8. Clouds

AWS
Azure
GCP
OpenStack
Alibabacloud
IBM Bluemix

Very Important

Important

Normal