

DevOps Roadmap

1. Learn programming languages

- Python
- Golang
- Javascript
- Ruby

2. Server Administration

- Linux
- Unix
- Windows

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

4. Servers

Web server

- Apache
- Nginx
- Tomcat
- IIS
- Jetty

Caching

- Redis
- MemCache

Database

NoSQL

- Mongo DB
- Cassandra
- AWS DynamoDB
- Google Datastore

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

7. Monitoring and Logging

Monitoring

- Zabbix
- Prometheus
- Grafana
- DataDog
- New Relic
- CheckMK

Logging

- ELK
- Graylog
- Splunk

8. Clouds

- AWS
- Azure
- GCP
- OpenStack
- Alicloud
- IBM Bluemix

Very Important

Important

Normal

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