

ENDAVA INTERNSHIP PROGRAMME | AUTUMN 2025

STUDY MATERIALS FOR DEVOPS ENGINEER AM

A **DevOps Engineer** uses various practices and tools that increase the ability to deliver applications and services at high velocity. Using cutting-edge technology, they manage to build and deliver software systems, as a flow of visible, measurable in a continuous and sustainable way.

To be better equipped for the qualifying test and interview, we encourage you to examine the **study materials**, recommended for **DevOps Engineer** internship:

- What is **DevOps**
<https://aws.amazon.com/devops/what-is-devops/> <https://about.gitlab.com/topics/devops/>
- **Scripting** languages
<https://www.javatpoint.com/what-is-a-scripting-language>
<https://www.codecademy.com/catalog>
- **Bash**
<https://www.tldp.org/LDP/Bash-Beginners-Guide/html>
<https://www.codecademy.com/catalog/language/bash>
- **System Administration**
<https://developer.ibm.com/tutorials/l-lpic1-map/>
- **Networking**
<https://cs.lmu.edu/~ray/notes/netsandnets/>
- **CI/CD**
<https://www.redhat.com/en/topics/devops/what-is-ci-cd> <https://www.tutorialspoint.com/jenkins/index.htm>
<https://about.gitlab.com/topics/ci-cd/>
- **GIT**
<https://www.atlassian.com/git/tutorials/what-is-git> <https://phoenixnap.com/kb/how-to-use-git>
- **Docker**
<https://aws.amazon.com/docker/>
<https://www.docker.com/resources/what-container/>

- **Kubernetes (optional)**
<https://kubernetes.io/docs/concepts/overview/>
- **Build Tools**
<https://maven.apache.org/>
<https://gradle.org/>
<https://create-react-app.dev/docs/deployment/>
- **What Is Cloud Computing**
<https://azure.microsoft.com/en-us/overview/what-is-cloud-computing/> <https://aws.amazon.com/what-is-cloud-computing/>
- **Getting Started with AWS**
<https://aws.amazon.com/getting-started/>
- **Getting Started with Azure**
<https://azure.microsoft.com/en-us/get-started/>
- **ElasticSearch**
<https://www.elastic.co/guide/en/elasticsearch/reference/current/elasticsearch-intro.html>
- **Log Monitoring**
<https://www.elastic.co/what-is/log-monitoring>
- **Test your English**
<https://learnenglish.britishcouncil.org/online-english-level-test>