1. **Docker**

Docker is used for developing, shipping, and running applications.

1. **Kubernetes**

Kubernetes automates operational tasks of container management and includes built-in commands for deploying and scaling applications.

1. **CI/CD pipelines**

CI/CD pipelines are a practice focused on improving software delivery throughout the software development life cycle via automation.

1. **Microservices**

also known as the microservice architecture - is an architectural style that structures an application as a collection of services that are

* Highly maintainable and testable
* Loosely coupled
* Independently deployable
* Organized around business capabilities
* Owned by a small team

1. **Advantages of Microservices**

* Scalability improvements
* Simpler to deploy
* Reusability across different areas of business
* Faster time-to-market
* Ability to experiment
* Improved data security

1. **Jenkins**

Jenkins is an open-source continuous integration/continuous delivery and deployment (CI/CD) automation software DevOps tool written in the Java programming language.

It is used to implement CI/CD workflows, called pipelines.

1. **Angular**

Angular is a front-end framework for building single-page client applications using HTML and TypeScript.

1. **Create angular project**

Runs on framework JavaScript, Typescript.

In Html “ng” represents as angular project.

1. **React**

React is also a front-end framework used for building interactive user interfaces and web applications quickly and efficiently with less code.

In React, we develop your applications by creating reusable components that you can think of as independent Lego blocks.

Create React app

React works with “id”

1. **Local host**

**localhost refers to “this computer” where a developer works on local environment.**

**Angular:** [**http://localhost4200**](http://localhost4200)

**React:** [**http://localhost3000**](http://localhost3000)