

Learning Journey - App development for the "Industrial Edge" platform (TIA-EDGEAD-LJ)

Short Description

In the Learning Journey "App Development for the Industrial Edge Platform" you will learn to develop applications and make them available in the Industrial Edge Management and Hub. An optimal mix of guided live modules (online) and self-learning modules will provide you with all the content imperative for your work and sustainable learning success. Various practical tasks in our virtual exercise environment throughout the learning journey help you to prepare for practical application. The learning journey provides curated on-demand content to support you in your own personal practice transfer.

[More information on learning journeys](#)

Objectives

After this learning journey you will be able to ...

- optimally use the advantages of the Industrial Edge Platform for your specific application cases.
- publish your own written app.
- implement a wide variety of use cases e.g., KPI analysis, machine learning...
- use the concept of container technology in your app development.

Target Group

Developer
Programmer

Content

Content

The Learning Journey TIA-EDGEAD (Level: Expert) consists of:

- 5 live modules (3 hours each); In addition to the live modules, you should plan about 1 hour of self-study time per day as well as dial-in and follow-up times.
- 9 Selflearn modules (approx. 9 hours)
- On-demand themed content

A learning membership to work through the self-learning modules and access to on-demand content is included for 1 year.

Topics

Industrial Edge Version 1.4

- Introduction to the concept and application of the Industrial Edge Device and Industrial Edge Management System.
- Getting to know the concept of container technology, as well as understanding the basics of Docker.
- Developing apps in the Industrial Edge environment and testing them locally.
- Deployment of self-written edge apps in the Industrial Edge Management System or Industrial Edge Hub, as well as getting to know the publishing process.
- Implementing a wide range of use cases with your own Edge Apps, e.g. KPI analysis, machine learning...
- Realization of a wide variety of use cases via download in Docker Hub/GitHub.
- Deepening the content through hands-on exercises on the virtual training device.

Prerequisites

- Basics of Linux
- Basics of Docker Hub/GitHub/GitLab

In order to be able to take part in this course, you must install the Real VNC Viewer on your PC and the firewall used must not block the communication.

- [Technical requirements](#) > RealVNC

Type

Learning Journey

Duration

24 hours

Language

en