



## **Course Syllabus**

### **Introduction to GitHub Copilot with React Bootcamp**

We are glad you have joined us for this course! Here is some information that will help you to navigate your learning platform and locate course content.

### **Joining the Session**

Before the first live session please confirm that you can access Zoom:

1. Visit <https://support.zoom.us> and click on **Getting Started**.
2. Attn Percipio Users - The **Join live course** option is available where you registered for the session in Percipio 15 minutes prior to the start of class.

### **Course Description**

GitHub Copilot is the best tool for professional developers. Copilot is backed by both GitHub and Microsoft. Although Copilot is now capable of handling almost all popular programming languages, we focus on React for this demonstration. Since React is JavaScript based, Copilot is well trained on its documentation and historical codebase. Copilot also has the ability to reference popular coding forums as well as public repositories.

### **Target Audience**

Newer React and JavaScript programmers with at least 1 year working experience.

### **Objectives**

- After completing this course participants will be able to use GitHub Copilot to solve common React programming problems.
- Learners will be shown how to invoke the tool from an IDE
- Participants will be able to construct prompts to get answers from Copilot
- Users will be able to scaffold a working React application using Copilot

Note: there is no formal agenda as the tool can take the session into multiple directions. Also, the tool is constantly changing, almost monthly. Below is just a general guideline we will follow.

## Agenda

Hour 1 and Hour 2

Environment setup

Starting an application

Building components

Interacting with external websites

Working with forms

## Technical Support

We offer 24/7 support if you need assistance with your Percipio learning platform. To access support, click the initials of your profile and select “Help”.

