



# CERTIFICATE

Krystian Klimczak

Has successfully completed

**FULLSTACK DEVELOPER**

course at GoIT

26/02/2024

Unique ID 24017

**FULLSTACK**

goit.global

CEO of GoIT

Anton Chornyi

A handwritten signature in black ink, appearing to read "Anton Chornyi".

# Supplement to Fullstack developer course certificate

## General information

### **Soft Skills**

**2 classes, 4 hours**

### **HTML+CSS**

**16 classes, 32 hours**

**8 assignments on Tech Skills**

### **JavaScript**

**22 classes, 44 hours**

**11 assignments on Tech Skills**

### **React**

**16 classes, 32 hours**

**8 assignments on Tech Skills**

### **Node.js**

**12 classes, 24 hours**

**6 assignments on Tech Skills**

### **Career Skills**

**1 class, 2 hours**

**2 assignments on Career Skills**

**3 team projects**

## HTML+CSS units

**Unit 1.** HTML Basics. Tags and Attributes. Semantics

**Unit 2.** CSS Basics Selectors Color. Text Decoration and Fonts

**Unit 3.** Block Model. Flexbox

**Unit 4.** Background and Decorative Elements

**Unit 5.** Positioning of Elements. Transformations.

Transitions and Animations

**Unit 6.** Forms**Unit 7.** Media Rules. Responsive Layout. Responsive Graphics**Unit 8.** Adaptive layout

## JavaScript units

**Unit 1.** Variables and types. Branches. Cycles**Unit 2.** Arrays. Functions**Unit 3.** Objects. Rest and spread operations**Unit 4.** Iterating array methods**Unit 5.** The this keyword. Prototypes and classes**Unit 6.** DOM and Events**Unit 7.** Patterns and Event Optimization**Unit 8.** Project infrastructure. Web storage**Unit 9.** Asynchrony and Date. Promises**Unit 10.** Interaction with the backend**Unit 11.** CRUD. Asynchronous Functions

## React units

**Unit 1.** Introducing React. Styling components**Unit 2.** Events and State. Forms**Unit 3.** Life Cycle. Working with API**Unit 4.** React Hooks**Unit 5.** Routing**Unit 6.** Redux and React. Redux Library. Hooks. Redux Toolkit**Unit 7.** Asynchronous Redux. Splitting Code**Unit 8.** Registration and User Login. Private and Public Routes

## Node.js units

**Unit 1.** Node.js Basics. Creating a Console Application**Unit 2.** Express Basics. CRUD in Express**Unit 3.** MongoDB and Mongoose. Mongoose Schemes and Methods.

Deploy on Heroku

**Unit 4.** Authentication**Unit 5.** Working with Images. Tests. Unit Testing**Unit 6.** Email Docker. WebSockets