



# CERTIFICATE

Hanna Kaczyńska

Has successfully completed

**FULLSTACK DEVELOPER**

course at GoIT

13/07/2025

Unique ID 39408

FULLSTACK

goit.global

CEO of GoIT

Anton Chornyi

A handwritten signature in blue ink that reads "Anton Chornyi".

# Supplement to Fullstack developer course certificate

## General information

### **Soft Skills**

**2 classes, 4 hours**

### **HTML+CSS**

**12 classes, 24 hours**

**6 assignments on Tech Skills**

### **JavaScript**

**24 classes, 48 hours**

**12 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.

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

**Unit 3.** Block Model. Flexbox

**Unit 4.** Decorative Elements

**Unit 5.** Forms

**Unit 6.** Responsive Design

## JavaScript units

- Unit 1.** Variables and types.
- Unit 2.** Branches. Cycles
- Unit 3.** Arrays. Functions
- Unit 4.** Objects.
- Unit 5.** Iterating array methods
- Unit 6.** Prototypes and classes
- Unit 7.** DOM and Events
- Unit 8.** Patterns and Event Optimization
- Unit 9.** Web storage. Bundler Vite
- Unit 10.** Asynchrony and Date. Promises
- Unit 11.** HTTP requests. Interaction with the backend
- Unit 12.** Async/await. Pagination

## 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