

# CERTIFICATE

**Viktor Litvynchuk**

Has successfully completed  
*FULLSTACK* developer course at GoIT



**06/04/2023**

**Unique ID 12984  
FULLSTACK**

[goit.global](https://goit.global)

*CEO of GoIT*

**Anton Chornyj**

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# 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