

# Supplement to Bootcamp Fullstack developer course certificate

## General information

### Soft Skills

**4** classes, **6** hours

### HTML+CSS

**14** classes, **42** hours

**7** assignments on Tech Skills

### JavaScript

**22** classes, **66** hours

**11** assignments on Tech Skills

### React

**16** classes, **48** hours

**8** assignments on Tech Skills

### Node.js

**12** classes, **36** hours

**6** assignments on Tech Skills

### Career Skills

**1** class, **2** hours

**2** assignments on Career Skills

**4** team projects

### React Native in recording

**7** classes, **42** hours

## 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

## 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

## **React Native units**

**Unit 1.** Introducing

**Unit 2.** Stylization. Forms

**Unit 3.** Debugger. Remote Debugger

**Unit 4.** Navigation

**Unit 5.** Components

**Unit 6.** Redux. Firebase

**Unit 7.** DEPLOY on EXPO servers