



## **TypeScript Essentials – 24 Hours**

Create native apps for Android and iOS using React

### **Overview**

JavaScript is the most used programming language on the planet today, and yet the tools we have for JavaScript-based development still pale in comparison to the tools of other languages - primarily statically-typed languages.

A growing number of companies are looking for what they have become accustomed to in languages like Java or C# while compiling to ECMAScript 5 or 6 using all ES6 new features and additional TypeScript features.

Enjoy great tooling / IDE support and run quality JavaScript for both the browser and Node.js

### **Target Audience**

Node.js developers and / or Frontend developers

### **Prerequisites**

Javascript knowledge is assumed

### **About the course instructor**

#### **Yariv Gilad - Senior fullstack educator**

Founder of CasaVersa.com, member of the founding team at Wibbitz.com.

Focused on fullstack Javascript development for various platforms.

Passionate about the evolution of tech and user interaction.

With over 20 years of experience in the field & 15 years as a senior instructor, I've created & conducted training workshops worldwide as well as consulted companies like Microsoft, Amdocs, Strauss, eBay, Cellcom, Via, Nice, 888, Cisco, IBM, SAP, Iron-source, Sizmek, InterCall, Powtoon, TravelBooster, and World-mate to name a few.

Courses I've created were also held in Israeli academic institutions, namely Shenkar College of Engineering and Design, Holon Institute of Technology, Netcraft Academy, John Bryce College, HackerU, and Naya.

I am comfortable interacting with various audiences like designers, junior developers, senior software engineers, enterprise system architects & startup entrepreneurs.

## **Syllabus**

- What is TypeScript and why should you care?
- Reviewing ES6 language features
- Reviewing TypeScript additional features
- Creating a TypeScript project
- Debugging TypeScript
- Data Types and Variables
- Custom and anonymous types
- Classes
- Inheritance
- Interfaces
- Decorators
- Modules
- Generics
- Networking
  
- Linking external libraries
  
- Async storage
  
- Global state management
  
  
- Build your app for production