

Full Stack Entry Level JavaScript and Typescript Programming

**Prerequisites: Experience in Programming language (Any).
Knowledge of Web Application Development**

1. JavaScript: Intro to ES6

- What's new in ES6
- Variable Declarations with LET and CONST
- Strings in ES6
- Arrow Functions: Basics
- Arrow Functions: Lexical 'this' Keyword
- DE structuring
- Arrays in ES6
- The Spread Operator
- Rest Parameters
- Default Parameters
- Classes

2. TypeScript

- What is typescript?
- Typescript installation
- TypeScript vs. JavaScript o OOPs in TypeScript
- Creating Classes and class properties
- Methods
- Access Modifiers
- Constructor
- Getters and Setters
- Static properties and methods
- Inheritance
- Interfaces
- Modules and Namespaces