The Ultimate TypeScript Course

Learn to make your JavaScript applications scale



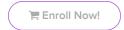
TypeScript: Go from Beginner to Pro

TypeScript has never been so popular! It's an essential language for building large-scalable applications. That's why more and more companies are looking for developers who know TypeScript well.

If you're a JavaScript developer and want to upgrade your skills for better job opportunities, you must have TypeScript on your resume. That's what this course is all about!

In under 5 hours, you'll learn everything you need to know to effectively use TypeScript in front-end and back-end development. You'll see how TypeScript boosts your productivity and helps you write more maintainable and robust code with fewer bugs.

If you're looking for a comprehensive, well-organized, and step-by-step TypeScript course that takes you from zero to hero, you're in the right place. Enroll now to get started!



BEGINNER TO PRO

LIFETIME ACCESS

5 HOURS OF VIDEO

120+ LESSONS

EXERCISES

DOWNLOADABLE

SUBTITLES

ACCESS ON MOBILE/TV

CERTIFICATE

TypeScript: Beginner to Pro

A comprehensive, fun and highly-practical course that prepares you for the job



By the end of this course, you'll be able to...

Gain a solid understanding of TypeScript

Use TypeScript for front-end and back-end development

Troubleshoot TypeScript errors like a pro

A step-by-step, beginner-friendly course

Gain a solid understanding of the TypeScript language and tools

Learn all about classes, interfaces, and object-oriented programming with TypeScript

Use generics to build re-usable types

Create custom complex types

Inject code using decorators

Use TypeScript in React projects

Use TypeScript in Node/Express projects

Understand and troubleshoot confusing TypeScript errors

Write modular code using modules

Integrate with third-party JavaScript libraries

Debug TypeScript code

Customize the TypeScript compiler (tsconfig)

Apply best practices

And much, much more!

A clear, concise, and perfectly-structured course with real-life examples, exercises, and solutions.

Who is this course for?

This course is for JavaScript developers who want to level-up their skills and use TypeScript to create large-scale web or mobile applications.

Prerequisites

To take this course, you need basic familiarity with JavaScript concepts such as variables and constants, arrays, objects, functions, and so on. No prior TypeScript knowledge is required as everything is covered from the ground up.

Your Instructor



Mosh Hamedani

Hi! My name is Mosh Hamedani. I'm a software engineer with two decades of experience. I've taught millions of people how to code and how to become professional software engineers through my online courses and YouTube channel.

I believe coding should be fun and accessible to everyone.

Course Curriculum

Welcome (2m)	
■ 1- Welcome (0:52)	Preview
2- Prerequisites (0:36)	Preview
■ 3- How to Take this Course (0:55)	Preview
■ 4- Getting Help	Start
■ 5- Learning Paths	Start
6- Follow Me Around	Start
Getting Started with TypeScript (20m)	
■ 1- Introduction (0:31)	Preview
2- What is TypeScript (4:41)	Preview
■ 3- Setting Up the Development Environment (1:51)	Preview
■ 4- Your First TypeScript Program (3:50)	Preview
▶ 5- Configuring the TypeScript Compiler (4:03)	Start
■ 6- Debugging TypeScript Applications (4:53)	Start
■ 7 - Summary	Start
Fundamentals (25m)	
■ 1- Introduction (0:28)	Start
2- Built-in Types (1:58)	Start
■ 3- The any Type (2:45)	Start
4- Strict Compiler Option	Start
▶ 5- Arrays (2:18)	Start
► 6- Tuples (2:43)	Start
▶ 7- Enums (3:23)	Start
■ 8- Functions (6:51)	Start

•	Subscribe	
•		
	P Forum	
	Learning Paths Blog	
	More	
•	Login	
•		Sign Up
C	4- Intersection Types (2:03)	Start
C	5- Literal Types (1:45)	Start
C	■ 6- Nullable Types (2:36)	Start
C	7- Optional Chaining (4:41)	Start
	8- The Nullish Coaelscing Operator (1:59)	Start
C	9- Type Assertions (3:07)	Start
C	■ 10- The unknown Type (2:24)	Start
C	■ 11- The never Type (2:59)	Start
	12- Summary	Start
	13- Exercises	Start
C	lasses, Interfaces and Object-oriented Programming (55m)	
C	1- Introduction (0:51)	Start
C	2- What is Object-oriented Programming (3:34)	Start
C	3- Creating Classes (3:55)	Start
C	4- Creating Objects (3:24)	Start
C	5- Read-only and Optional Properties (1:44)	Start
C	6- Access Control Keywords (3:42)	Start
C	7- Parameter Properties (1:58)	Start
C	8- Getters and Setters (2:26)	Start
C	9- Index Signatures (3:08)	Start
C	10- Static Members (4:58)	Start
C	11- Inheritance (4:49)	Start
C	■ 12- Method Overriding (3:50)	Start
C	13- Polymorphism (5:13)	

	Start
■ 14- Private vs Protected Members (1:33)	Start
■ 15- Abstract Classes and Methods (4:06)	Start
■ 16- Interfaces (6:44)	Start
17- Interfaces vs Types	Start
■ 18- Summary	Start
19- Exercises	Start
Generics (29m)	
■ 1- Introduction (0:24)	Start
■ 2- Understanding the Problem (2:05)	Start
■ 3- Generic Classes (2:52)	Start
■ 4- Generic Functions (1:58)	Start
► 5- Generic Interfaces (3:22)	Start
▶ 6- Generic Constraints (2:22)	Start
■ 7- Extending Generic Classes (6:56)	Start
■ 8- The keyof Operator (3:39)	Start
■ 9- Type Mapping (5:02)	Start
10- Summary	Start
11- Exercises	Start
Decorators (29m)	
■ 1- Introduction (0:29)	Start
■ 2- What Are Decorators (1:39)	Start
3- Class Decorators (4:00)	Start
■ 4- Parameterized Decorators (2:12)	Start
■ 5- Decorator Composition (1:22)	Start
■ 6- Method Decorators (7:02)	Start
■ 7- Accessor Decorators - Title (4:44)	Start
■ 8- Property Decorators (4:59)	Start
9- Parameter Decorators (2:22)	Start
10- Summary	Start

11- Exercises	Start
Modules (16m)	
► 1- Introduction (0:35)	Start
■ 2- Exporting and Importing (4:20)	Start
■ 3- Module Formats (3:19)	Start
▶ 4- Default Exports (2:58)	Start
► 5- Wildcard Imports (0:57)	Start
► 6- Re-exporting (3:15)	Start
🖹 7- Summary	Start
Integration with JavaScript (12m)	
■ 1- Introduction (0:34)	Start
■ 2- Including JS Code in TS Projects (2:18)	Start
■ 3- Type Checking JS Code (2:16)	Start
■ 4- Describing Types Using JSDoc (2:10)	Start
■ 5- Creating Declaration Files (2:20)	Start
▶ 6- Using Definitely Typed Declaration Files (2:32)	Start
1 7- Summary	Start
React with TypeScript (30m)	
► 1- Introduction (0:28)	Start
2- Creating a React App with TypeScript (1:28)	Start
■ 3- Adding Bootstrap (1:34)	Start
▶ 4- Creating a Component - Title (5:11)	Start
► 5- Using the State Hook (2:09)	Start
► 6- Calling the Backend (4:17)	Start
■ 7- Using the Effect Hook (2:08)	Start
8- Handling Events (3:41)	Start
■ 9- Building a Form (3:34)	Start
■ 10- Handling Form Submission (4:51)	Start
11- Additional Reading	Start

Course Wrap Up

Course Summary

Course Wrap Up (0:24)

Node and Express with TypeScript (20m)

■ 1- Introduction (0:32)	Start
■ 2- Executing TypeScript Code with Node (2:39)	Start
■ 3- Setting up an Express Project (3:13)	Start
■ 4- Creating a Basic Route (0:56)	Start
▶ 5- Creating a Router (1:48)	Start
■ 6- Parsing Request Bodies (3:36)	Start
▶ 7- Building an API (3:47)	Start

Try it risk-free

30-Day Money-Back Guarantee

You can ask for a refund any time during the first 30 days if you decide the course isn't for you.



? Frequently Asked Questions

When does the course start and finish?

The course starts now and never ends! It is a completely self-paced online course - you decide when you start and when you finish.

How long do I have access to the course?

How does lifetime access sound? After enrolling, you have unlimited access to this course for as long as you like - across any and all devices you own.

What if I am unhappy with the course?

We would never want you to be unhappy! If you are unsatisfied with your purchase, contact us in the first 30 days and we will give you a full refund.

Everything you need to master TypeScript in one course

Here's what you get when you enroll:

5 hours of HD videos
120+ lessons
Exercises and solutions
Little-known expert tips
Cheat sheets
Lifetime access
Learn at your own pace
Watch online or offline
Watch on any device

Certificate of completion

TypeScript Skills are in High Demand

Don't waste your time on random, disconnected YouTube tutorials or long, boring, poorly-structured courses. Enroll now to quickly learn all the essential TypeScript skills you need to become an in-demand developer.

Buy the Complete Course

Own it forever!

\$29 \$149 Instant access!

All-Access Membership



All existing and future courses



Cancel anytime!

Subscribe & Save







© Code with Mosh 2023

Terms of Use Privacy Policy