

1. Record Nr.	UNINA9910746962303321
Autore	Biswas Nabendu
Titolo	TypeScript Basics : Learn TypeScript from Scratch and Solidify Your Skills with Projects / / by Nabendu Biswas
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2023
ISBN	9781484295236 1484295234
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (172 pages)
Disciplina	355.005
Soggetti	Internet programming Open source software Web Development Open Source
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1. Getting Started -- 2. TypeScript Basics -- 3. TypeScript Compilers -- 4. Classes and Interfaces 5. Advanced Types 6. Generics & Decorators -- 7. To-do List With TypeScript -- 8. Drag Drop Project -- 9. Modules and Webpack -- 10. React TypeScript Project -- 11. React Redux with TypeScript.
Sommario/riassunto	Jumpstart your working knowledge of Typescript with a quick, practical guide and start using this open source, object orientated language with confidence. This book highlights how Typescript works with JavaScript and its frameworks, giving it greater functionality, especially for larger enterprise projects. You'll start by reviewing some fundamentals such as how to run a TypeScript file and compile it to JavaScript as well as understand how it sits within the full ecosystem alongside React, Redux, Angular and Webpack. Using a practical project-led approach, you'll go through key concepts and aspects of Typescript such as compilers, arrays, classes and interfaces. Once you complete the fundamental basics, you'll move onto more complex topics like advanced types. You'll also learn about Decorators, which are a must-have feature in Angular. The book then presents a small To-do list project followed by a larger 'Drag and Drop' project. You'll see how to

divide the drag and drop project into small manageable modules and learn to make the project more efficient with Webpack. Lastly, you'll create two more React projects, a party app with React and then one with React and Redux. Typescript Basics reveals how this JavaScript extension is currently the fastest growing language for web development with more and more developers and companies looking to utilize and adopt it within their current workflows and projects. You will:

- Understand the particulars of Typescript and how it feeds into the JS and Web development eco-system
- Implement Typescript for enterprise projects
- Use Typescript with practical projects and examples
- See how Typescript interacts with major frameworks like React and Angular.
