



TypeScript

Learn in 5 minutes

Manzer Ansari

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Basics Types

```
1 let name: string = "Manzer";  
2 let age: number = 24;  
3 let isActive: boolean = true;  
4 let skills: string[] = ["React", "TypeScript"];  
5
```

Interfaces & Types

```
1 let name: string = "Manzer";  
2 let age: number = 24;  
3 let isActive: boolean = true;  
4 let skills: string[] = ["React", "TypeScript"];  
5
```

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Functions with Types

```
1  const greet = (name: string): string => {  
2    return `Hello, ${name}`;  
3  };
```

Union & Literal Types

```
1  type Status = "loading" | "success" | "error";  
2  let status: Status = "success";
```

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Generics

```
1 function identity<T>(value: T): T {  
2     return value;  
3 }
```

Bonus - Use with React

```
1 interface Props {  
2     title: string;  
3 }  
4  
5 const Header: React.FC<Props> = ({ title }) => <h1>{title}</h1>;
```

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Final Words

You don't need to master everything **but learn what you use most** and grow from there.

TypeScript shines when paired with good tooling and consistent patterns.

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