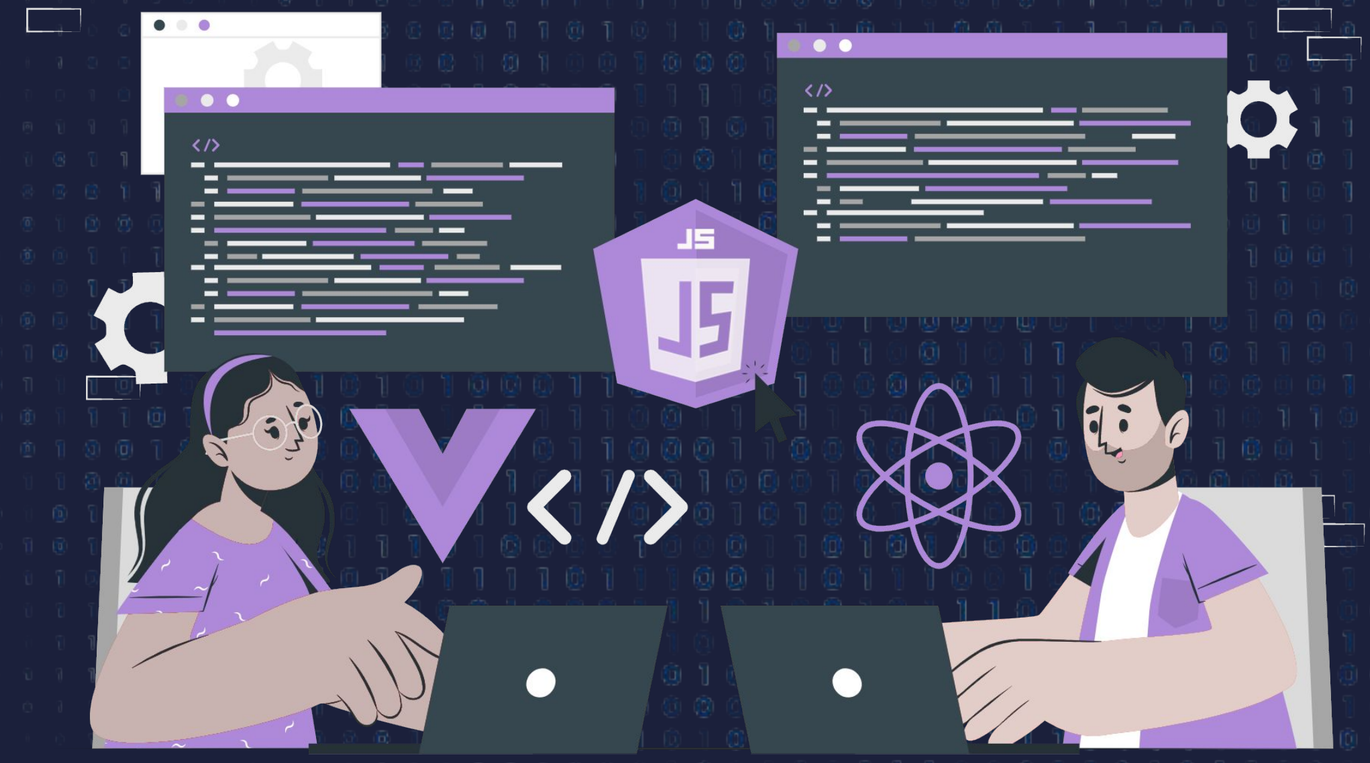
PW SKILLS

How we manipulate `this` using Prototypes



Topics

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2. Manipulating `this` keyword using prototype
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What is the `this` keyword in js ?

In JavaScript, this keyword is used to refer to the current object. Its value is determined by how a function is called. When a function is called as a method of an object, this refers to the object the method is called on. When a function is called as a standalone function, this refers to the global object (or undefined in strict mode).

Manipulating `this` keyword using prototype

```
function Person(name, age) {
this.name = name;
this.age = age;
}
Person.prototype.greet = function() {
console.log(`Hi, my name is ${this.name}.`);
}
const john = new Person('John', 30);
const jane = new Person('Jane', 25);
john.greet(); // logs "Hi, my name is John."
jane.greet(); // logs "Hi, my name is Jane."
```

Conclusion

- Overall, prototypes allow for inheritance in JavaScript, which means that an object can inherit properties and methods from its prototype.

- prototype inheritance refers to the appropriate object that the method is being called on, whether it is the object itself or an object in the prototype chain.

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THANK YOU