

Project Name: _____Digital Clock. . .

By using: ReactJs , javaScript , CSS

- **Institute Name:** _DY Patil
College OF Engineering Akurdi Pune

- **Submitted to:** _____My Job
Grow_____
- **Submitted by:** _____Shubham
Shivraya Mokashi_____
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Here My Project Code.....!!

#App.jsx

```
import DigitalClock from './DigitalClock.jsx';
```

```
function App() {
```

```
  return (<>
```

```
    <DigitalClock />
```

```
  </>)
```

```
}
```

```
export default App
```

#DigitalClock.jsx

```
import React, { useState, useEffect } from 'react';
```

```
function DigitalClock() {
```

```
  const [time, setTime] = useState(new Date());
```

```
  useEffect(() => {
```

```
    const intervalId = setInterval(() => {
```

```
      setTime(new Date());
```

```
    }, 1000);
```

```
    return () => {
```

```
      clearInterval(intervalId);
```

```
    }
```

```
  }, []);
```

```
  function formatTime() {
```

```
    let hours = time.getHours();
```

```
const minutes = time.getMinutes();
```

```
const seconds = time.getSeconds();
```

```
const meridiem = hours >= 12 ? "PM" : "AM";
```

```
hours = hours % 12 || 12;
```

```
return `${padZero(hours)}:${padZero(minutes)}:${padZero(seconds)} ${meridiem}`;
```

```
}
```

```
function padZero(number) {
```

```
  return (number < 10 ? "0" : "") + number;
```

```
}
```

```
return (
```

```
  <div className="clock-container">
```

```
    <div className="clock">
```

```
      <span>00:00:00</span>
```

```
    </div>
```

```
    </div>
  );
}
```

#DigitalClock.css

```
body {

    background-image: url(assets/background.jpg);

    background-position: center;

    background-repeat: no-repeat;

    background-size: cover;

    background-attachment: fixed;

    margin: 0;

    /* OPTIONAL */
```

```
display: flex;
```

```
justify-content: center;
```

```
min-height: 100vh;
```

```
align-items: center;
```

```
}
```

```
.clock-container {
```

```
  backdrop-filter: blur(5px);
```

```
  width: 100vw;
```

```
  padding: 10px 0;
```

```
}
```

```
.clock {
```

```
  color: white;
```

```
  font-size: 6rem;
```

```
  font-weight: bold;
```

font-family: monospace;

text-align: center;

text-shadow: 3px 3px 5px hsla(0, 0%, 0%, 0.75);

}

Description

This section provides a detailed description of the project, including its objectives, scope, methodology, and expected outcomes. It explains the problem statement and how the project aims to solve it, along with the tools and technologies used.