

## MERN Stack Training

**Company:** Sensation Software Solutions

**Student Name:** Gurvinder Singh

**Training Duration:** 6 Months

**Days:** 33

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### Objective of the Day

The objective of Day 33 was to learn **Redux for state management** and understand why it is used in large applications.

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### Work Done on Day 33

The trainer explained the limitations of **prop drilling** and introduced **Redux** as a centralized state management solution.

We learned key Redux concepts:

- Store
  - Actions
  - Reducers
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### Redux Flow

**Example:**

```
dispatch({ type: "ADD_TASK", payload: task });
```

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### Hands-on Practice

We practiced:

- Creating Redux store
  - Dispatching actions
  - Accessing state using `useSelector`
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### Conclusion

Day 33 helped in understanding **scalable state management**, which is required for enterprise-level applications.

