

## **MERN Stack Training**

**Company:** Sensation Software Solutions  
**Student Name:** Gurvinder Singh  
**Training Duration:** 6 Months  
**Days:** 53

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## **Objective of the Day**

The objective of Day 53 was to learn **testing concepts**, debugging techniques, and how to ensure application reliability.

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## **Work Done on Day 53**

The trainer explained the importance of **testing** in software development. Different types of testing were discussed.

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## **Types of Testing**

Topics covered:

- Unit testing
- Integration testing
- Manual testing
- Basic automated testing concepts

The importance of catching bugs early was highlighted.

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## **Debugging Techniques**

We learned:

- Using console logs effectively
  - Understanding error messages
  - Debugging backend and frontend issues
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## **Hands-on Practice**

We practiced:

- Identifying and fixing bugs
  - Testing APIs manually
  - Debugging application flow
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## Conclusion

Day 53 improved problem-solving skills and helped in building **stable and reliable applications**.

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