

MERN Stack Training

Company: Sensation Software Solutions

Student Name: Gurvinder Singh

Training Duration: 6 Months

Days: 53

Objective of the Day

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

Work Done on Day 53

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

Types of Testing

Topics covered:

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

The importance of catching bugs early was highlighted.

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**.
