

MERN Stack Training

Company: Sensation Software Solutions

Student Name: Gurvinder Singh

Training Duration: 6 Months

Days: 57

Objective of the Day

The objective of Day 57 was to learn about **software maintenance**, bug fixing, and handling real-world application issues.

Work Done on Day 57

The trainer explained that after deployment, applications require continuous maintenance. Real-life scenarios of bug fixing and version updates were discussed.

Software Maintenance Concepts

Topics covered:

- Corrective maintenance
- Adaptive maintenance
- Preventive maintenance

The importance of regular updates and monitoring was explained.

Issue Handling

We learned how developers:

- Identify bugs
 - Analyze root causes
 - Apply fixes safely
 - Test changes before release
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Conclusion

Day 57 provided insight into **post-development responsibilities** of software developers in real companies.