

MERN Stack Training

Company: Sensation Software Solutions

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Training Duration: 6 Months

Days: 93

Objective of the Day

The objective of **Day 93** was to prepare both frontend and backend for **production deployment** by configuring environment variables and production settings.

Environment Variable Configuration

Environment variables were set for:

- Database connection strings
- JWT secret keys
- API base URLs
- Cloud service credentials

The trainer explained why sensitive data should never be hard-coded.

Backend Production Configuration

Backend server settings were updated:

- Enabled CORS with production rules
- Configured dynamic port handling
- Improved server startup logs

This ensured compatibility with cloud platforms.

Frontend Build Preparation

The React frontend was prepared for production by:

- Creating optimized Vite build
 - Removing unused console logs
 - Testing static assets
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Integration Testing

Frontend was connected with production-like backend settings locally to ensure smooth integration.

Conclusion

Day 93 ensured that GadgetShop was **technically ready for deployment**, with secure configuration and production-ready settings.