MERN Stack Training
Company: Sensation Software Solutions
Student Name: Tajinder Kaur
Training Duration: 6 Months
Days: 38

Objective of the Day

The objective of Day 38 was to learn **Express.js** and understand how to create a backend server using Node.js.

Work Done on Day 38

The trainer introduced **Express.js** as a lightweight and flexible framework that simplifies server-side development. The limitations of using pure Node.js were explained, followed by how Express solves those problems.

Creating an Express Server

We learned how to:

- Install Express using npm
- Create an application instance
- Define routes
- Start a server

```
const express = require("express");
const app = express();

app.get("/", (req, res) => {
  res.send("Server running successfully");
});

app.listen(5000);
```

Request and Response Cycle

The trainer explained:

- Request object (`req`)
- Response object (`res`)
- Client–server communication flow

Hands-on Practice

We created:

- A basic Express server
- Multiple routes
- Simple text responses

Conclusion

Day 38 converted theoretical backend concepts into practical implementation by creating a working server.