

Training Day 4 Report

Date: 30 June 2025

Topic Covered: Initializing Backend and Installing Dependencies

On the fourth day of MERN stack training, we initialized the backend for the Notes App project and installed all necessary dependencies to start building the server.

Initializing Backend

Inside the backend folder:

- Ran `npm init -y` to create a default `package.json` file.
- This file will store all backend dependencies and project metadata.

Installing Required Dependencies

We installed the following backend dependencies:

- **express** – Web framework for building the backend API.
- **mongoose** – ODM library for interacting with MongoDB.
- **cors** – Middleware to allow cross-origin requests from the frontend.
- **dotenv** – Loads environment variables from a `.env` file.

Installation command:

```
npm install express mongoose cors dotenv
```

Outcome of the Day

- Successfully initialized the backend project with `npm init`.
- Installed all necessary dependencies for starting API development.
- Prepared backend for connecting to MongoDB and building routes.