



Summer Internship 2025

Web Development Internship – Week 3 Tasks

Theme of the Week: Introduction to Backend Development with Node.js & Express

Task 1: Build a Simple REST API for a Book Store

Objective: Learn how to create basic API endpoints and handle JSON data.

Instructions:

- Set up a new Node.js project with Express
- Create a route `/books` that:
 - Returns a list of books (hardcoded or from a `books.json` file)
 - Accepts POST requests to add a new book (title, author)
- Add a route `/books/:id` to:
 - Get a single book by ID
 - Delete a book by ID

Required Files:

- `server.js`
- `books.json` (array of books)

Goal: Understand how REST APIs work with GET, POST, and DELETE methods using Express.

Task 2: Feedback Form Backend – Save Data to JSON File

Objective: Handle incoming form data and store it in a file using Node.js.

Instructions:

- Create an Express server that:
 - Has a POST route `/submit-feedback`
 - Accepts name, email, and message in JSON format
 - Saves submitted feedback to a `feedback.json` file (append data)
 - Returns a JSON response like `{ success: true, message: "Feedback saved!" }`



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Required Files:

- `server.js`
- `feedback.json`

Tools Required:

- Node.js
- Express (`npm install express`)
- File System module (`fs`)
- Optional: Use Postman or Thunder Client (VS Code extension) to test routes

Submission Instructions:

- Submit a folder named: `Week3_Name_Backend`
 - Include:
 - `server.js` (both tasks in one file or separate files)
 - `books.json`
 - `feedback.json`

Send your Tasks via **Gmail** (buraquescode24@gmail.com)