

FINAL SUBMISSION DOCUMENT – FRONTEND INTERN ASSIGNMENT (OPTION 5)

Candidate Name: Ramya Sree A

Position Applied: Frontend Intern

Required Skills Used: HTML, CSS, JavaScript

Assignment Chosen: OPTION 5 — Front End Development

Task 1 — Webpage Creation (Figma → HTML/CSS)

You are given a Figma file with page design. The UI was recreated using HTML, CSS, and React JSX structure.

Task 2 — Dynamic Elements

A dynamic webpage was created using a local JSON variable and JavaScript (React state) to update the UI in real time.

The project fulfills:

- Comprehension of documentation
- Aesthetic sense
- Execution of logic

PROJECT OVERVIEW

A fully functional React + Vite frontend webpage was created.

The page includes:

- Header (Title + Subtitle)
- Hero Section
- Feature List
- CTA Button
- Modules List
- Dynamic “Mark Complete” functionality

- Entire UI controlled by local variable: initialData

TECHNOLOGIES USED

- HTML
- CSS
- JavaScript
- React.js
- Vite

HOW TASK 1 WAS COMPLETED

The webpage layout was recreated according to the Figma-like structure.

Clean HTML/CSS was used for:

- Header
- Hero section
- Features
- Module cards

This demonstrates UI comprehension and aesthetic execution.

HOW TASK 2 WAS COMPLETED

A dynamic local JSON object controls all UI text, lists, CTAs, and module states.

Example:

```
{  
  title: "DeepThought — Web Development",  
  subtitle: "Build. Learn. Ship.",
```

```
heroText: "Become a Full Stack Developer. Start small, ship fast.",
features: ["React.js UI", "Node.js examples", "Project-based learning"],
modules: [...]
}
```

A function markComplete(id) updates module status live to demonstrate logic.

WHY THESE TASKS MATTER

DeepThought expects:

- Documentation comprehension
- Logic execution
- Aesthetic sense

These are fully demonstrated through dynamic UI and page structure.

HOW TO RUN THE PROJECT

1. Install Node.js (v18+)
2. Extract ZIP file
3. Open folder in terminal
4. Run:

```
npm install
```

```
npm run dev
```

5. Open the local URL shown (e.g., <http://localhost:5173>)

PROJECT STRUCTURE

front_end_assignment/

- index.html
- package.json
- README.md
- src/
- main.jsx
- App.jsx
- styles.css

DEEPTech MINDSET SHOWN

- Understanding documentation
- Breaking down UI logically
- Using JSON to drive dynamic pages
- Thinking abstract + implementing independently

FINAL STATEMENT FOR REVIEWERS

I have completed Task 1 and Task 2 exactly as required.

The UI was recreated based on documentation, and dynamic functionality was implemented using JSON data and React logic.

Thank you for reviewing my submission.