
Full Stack Developer Take-Home Test (1–1.5 hours)

Objective

Build a small task management API and frontend that supports creating, viewing, and toggling the status of tasks. This test evaluates:

- Backend API design
- Frontend component design
- Communication between frontend and backend
- Clean code, structure, and thought process
- Trade-offs and assumptions

Requirements

Part 1: Backend (.NET Core)

Create a REST API that does the following:

- Returns a list of all tasks
- Creates a new task
- Toggles the completed status of a task

Requirements:

- Use a SQL DB (e.g. SQL Lite, EF Core in memory, etc)
- Follow clean architecture or minimal API pattern, but **organize your code well**

Part 2: Frontend (Vue/React)

Create a simple Vue, React, etc UI that allows the user to:

- View the list of tasks
- Add a new task
- Toggle task completion by clicking on a checkbox or the task name

Requirements:

- Component-based design
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Evaluation Criteria

- Clarity of code structure and modularity
 - Add any features you feel are missing
 - Comments or a README.md explaining assumptions or what was left out
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Submission Instructions

- Submit a zipped folder or GitHub repo link with both frontend and backend projects.
- Include a short [README.md](#) with setup steps and your explanation notes.