

Development Assessment: Map Pin board

Wobitech Front-End &
Full-stack Developer
Assessment

Welcome

Thank you for applying Wobitech Front-End/
Full-stack Development position!

As part of your development assessment,
you'll be building a lightweight interactive
map-based application with the following
core functionality:

Project Overview

You'll be building a map-based pinboard application, where users can drop, view, and manage pins on an interactive map.

- Users can click on the map to drop a pin
- A dynamic list view of pins showing coordinates and reverse-geocoded addresses
- Delete functionality: removing a pin from the list also removes it from the map
- Basic UI styling with TailwindCSS

Technical Requirements

Your submission must meet the following tech stack and implementation requirements:

→ **Requirements**

- React with TypeScript
- TailwindCSS for styling
- State management via useState, Context API, or Zustand
- Mapping library: Leaflet (via [react-leaflet](#)) or Mapbox
- GL JS

Reverse geocoding via OpenStreetMap Nominatim API

→ **Bonus Features (Optional, but encouraged)**

- Draggable pins
- Persisting pin data using localStorage
- Mobile-responsive layout
- Animated transitions (pin drop, list changes, etc.)
- Deployment via Vercel or Netlify

Submission Requirements

A GitHub repository with:

- A GitHub repository with:
- A clear and concise [Readme .md](#) explaining:

Live Deployment

A live deployed demo (e.g. Netlify or Vercel)

Optional Demo Showcase

(Optional) A short demo video or GIF showcasing the core features

Submission Deadline

Final submission: before **24th September**

Evaluation Criteria

We'll assess your project based on:

- ✓ Functional implementation of the core features
- ✓ Code quality, modularity, and best practices
- ✓ Effective use of TailwindCSS and attention to UI/UX
- ✓ Seamless integration of mapping and geocoding APIs
- ✓ Any bonus features or polish that go beyond the baseline