



Kevin Shokri &lt;kevin.shokri@gmail.com&gt;

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## Next Steps - Client Solutions Architect

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Courtenay Fisher, Collinson &lt;courtenay.fisher@collinsongroup.teamtailor-mail.com&gt;

Wed, Jun 11, 2025 at 3:07 AM

To: kevin.shokri@gmail.com

Hi Kevin,

Congratulations on progressing to the next stage of the interview process — and thank you again for the time and thought you've invested so far.

As part of this stage, we'd like you to complete a short technical task designed to assess your architectural thinking, code quality, and approach to building scalable, maintainable systems. You'll find the full brief below.

While the expectation is around 2–3 hours of focused effort, we appreciate the depth of thinking involved — so we're giving you **5 working days** from receipt of this email to complete the task. Please feel free to reach out if anything is unclear or you need clarification along the way.

We're excited to see your approach:

### Objective

Design and build a well-structured, scalable, and presentable web application that accepts a city or town and returns a ranking of how desirable it will be to visit for various activities over the next 7 days, based on weather data.

### Activities to Rank

- Skiing
- Surfing
- Outdoor sightseeing
- Indoor sightseeing

Use the [Open-Meteo](#) api — it provides everything required to complete this test.

### Time Expectation

2–3 hours: You are not expected to deliver a fully functional product. Focus instead on laying strong architectural foundations and delivering a presentable, professional demonstration of your solution.

### What We're Evaluating

- Architecture & Code Quality: Clean structure, scalability, and long-term maintainability.

- Frontend + Backend: We expect both layers—even if minimal. Use React, Node.js, and GraphQL to match our stack.
- Client-Facing Communication: Explanations (in a README) should clearly articulate decisions and rationale for a client audience.
- Trade-Offs: Clear articulation of what was omitted and why.
- AI Tool Use: Thoughtful use of AI tools (e.g., ChatGPT, Copilot) to increase velocity without compromising quality.

## Expected Deliverables

In a GitHub repository:

1. Codebase: Frontend and backend code using React, Node.js, and GraphQL.
2. README:
  - High-level architecture overview and key technical choices.
  - How AI assisted in your workflow and where human judgment was critical.
  - Explanation of design decisions as though presenting to a client.
3. Omissions & Trade-offs:
  - A list of features or polish intentionally skipped, and why.
  - Any technical shortcuts taken and how you'd improve them in production.

## Tips for Success

- Think of this as a client demo prototype—your solution should be ready to walk us through it in a pitch or solutioning session.
- Prioritize clarity, polish, and depth over feature count.
- A minimal, thoughtfully implemented UI with a clear data flow and a sound backend is better than a feature-rich but messy product.

Please let me know once completed.

Many thanks,

James King

Senior Talent Partner

Collinson

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