



# Full Stack Coding Evaluation

We would like you to create a simple application that queries a customer API and displays a list of customers in a nicely formatted front end

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## Requisites

1. Create a repository in **GitHub** that you can share with us when completed
  2. Make a **Node** backend to serve a customer API
    - a. Supports GET, PUT, DELETE and LIST
    - b. Use NoSQL database
  3. Make a **React** frontend
    - a. Use **Functional Components** only
    - b. Follow [material.io](https://material.io) design system (ex: [mui.com](https://mui.com))
    - c. Present a list of all contacts, and a screen to create or edit one
  4. Use **Typescript**
  5. **Deploy it**, so we can test it: AWS, Github Pages or any other of your choice
  6. Implement testing automation
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## Bonuses

If you have additional time you could explore these options:

- Showcase your front end skills with animations, transitions or effects
- Applying a design system and brand
- Configure a CI/CD pipeline
- Implement testing automation
- Infrastructure automation
- A/B testing frameworks
- Logging, auditing and monitoring of web usage

## Evaluation

- A general overview of your development skills
- How you approach creation of a new project
- Correct use of design system principles
- Your eye for design and delivering “pixel perfect” solutions
- Structuring and legibility of your code
- How you implement automation to support coding practices
- Your choice for frameworks and tools