



Engineering Challenge - Software Engineer

Design and build the web client of a “**JSON Editor**” application with React

Implementation Details:

Your web client should display an editable JSON tree.

Please use the API endpoints from <https://bs-random-json.vercel.app/api/data> for initial JSON data. Your client should be responsive.

Suggested UX hint:

- User can expand/collapse the JSON tree
- User can edit nodes of the JSON tree
- User can see the type of each node

Bonus:

- User can add/remove nodes
- Authentication
- File handling
- Use of SQL/NoSQL database
- Nicely designed UI

Please deliver a quality solution that shows your ability. Include:

- A README file that contains:
 - Deployment / running instructions. Assume that we're running this on a Mac. Bonus points if instructions are for deployments to a distributed cloud infrastructure
 - A summary of the assignment
 - Your overall approach
 - What features you implemented
 - Given more time, what else would you have liked to complete?
- Production-ready code that:
 - Your code checked into a git repository that can be shared with us (Github, Gitlab, Bitbucket, etc...). We should be able to run the code
 - Follows community standard syntax and style
 - Has no debug logging, TODOs, or FIXMEs
 - Has test coverage to ensure quality and safety

What we look for:

- Clean code style: concise but descriptive.
- Enough functionality or code to show us your understanding of fundamental development practices.
- Test coverage for your code (Doesn't need to be 100%).