

Code Challenge

Build a simple, anonymous chat web application running on **node.js** with a **React** front-end.

Example user interaction:

- Type a message
- Send the message
- Message displays with suitable metadata

Requirements

- No need to create multiple chat rooms, login functionality, or users.
- Anyone can send a message, and anyone can view all chat messages.
- Messages must appear in real time for both sender and anyone else in the chat.
- You may use whatever you'd like for a database.
- Feel free to be as creative as possible with the UI.
- You do not have to deploy it, but it must work for us to build and run locally.
- Please provide documentation for your application.