

Currency Converter

| Frontend | Backend |
|---|--|
| <p>HTML: structure of the web ↳ contain button, dropdown menu, header, etc.</p> <p>CSS: add style & design to the web (formatting and positioning)</p> <p>Javascript: basic interactivity. ↳ store information locally using array, interact with backend</p> | <p>Backend JS: write the server side code. This send the data to the frontend.</p> <p>Node.js: allows JS code to run outside of the server. Uses API to fetch up to date information from third party.</p> |
| <pre>graph LR; Client[client] -- request --> API((API)); API -- response --> Client; API -- get info --> Server[server]; Server -- database --> DB[database];</pre> <p>The diagram illustrates the architecture of the Currency Converter. It shows a client (represented by a monitor icon) sending a 'request' to an API (represented by a cloud with a gear icon). The API then sends a 'response' back to the client. The API also sends a 'get info' request to a server (represented by three stacked server rack icons). The server is connected to a database (represented by a cylinder icon).</p> | |