Deployment Guide for MERN App

# Frontend Deployment:

1. Create the build of the project, ensuring to place the required environment variables for the client-side project.

2. Upload the contents of the build folder into the public\_html folder.

3. Create a .htaccess file in the root directory to manage multi-level routing. Use the following configuration:  
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RewriteEngine On  
RewriteBase /  
RewriteRule ^index\.html$ - [L]  
RewriteCond %{REQUEST\_FILENAME} !-f  
RewriteCond %{REQUEST\_FILENAME} !-d  
RewriteRule . /index.html [L]  
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4. Enter the hosting DNS name to the domain if not already registered.

# Backend Deployment:

1. Go to the 'Domains' section in cPanel and create a subdomain for deploying the backend (e.g., api.baseurl.com).

2. Search for 'Node.js' in cPanel and create a Node.js app by selecting the version, directory, and domain from the list.

3. Use the Node.js app panel to provide the environment parameters if required.

4. Upload the backend code to the selected directory path (Note: Do not upload node\_modules, package.json, or .env files).

5. From the Node.js app panel, execute 'npm install' using the npm run script.

6. After any server file changes, restart the Node.js app to apply the updates.