

Getting Started with the VGS Solutions Architect - Technical Skill Assessment

Introduction

This project is a demo React application designed to showcase how to set up, deploy, and run a web-based app. The application has been configured to support deployment via ngrok, allowing it to be accessible over the internet for demonstration and testing purposes.

The app includes the following features:

- A simple interface for user interaction.
- Demonstration of React-based frontend functionality.
- Easily configurable deployment using tools like ngrok.

Getting Started with Create React App

This project was bootstrapped with Create React App.

Available Scripts

In the project directory, you can run:

- **npm start**
Runs the app in development mode.
Open <http://localhost:3000> to view it in your browser.
- **npm test**
Launches the test runner in the interactive watch mode.
- **npm run build**
Builds the app for production to the **build** folder.

Accessing the Repository

To get started, follow these steps to access and download the repository:

Note: “Accessing the Repository” is also included as step 1 in “Setup and Deployment Using ngrok.”

1. Navigate to the Repository

Visit the GitHub repository for this project at:

<https://github.com/kevinsorey/bobsburgers2.0>

2. Download the Repository

Download the repository to your local machine by clicking the Code button on the GitHub page and selecting Download ZIP.

Alternatively, clone the repository using Git:

```
bash: git clone https://github.com/kevinsorey/bobsburgers2.0.git
```

Setup and Deployment Using ngrok

Follow the steps below to set up the project and deploy it using **ngrok**:

1. Clone the Repository

Clone this repository to your local machine:

a. bash: `git clone <repository-url>`

2. Install Dependencies

Navigate to the project directory and install the required dependencies:

a. bash: `cd <project-directory>`

b. bash: `npm install`

3. Set Up ngrok

Go to <https://dashboard.ngrok.com/get-started/setup>.

4. Download ngrok

Download a standalone executable with zero runtime dependencies based on your architecture

5. Install ngrok

In a terminal, extract the ngrok executable by running:

a. Copy from: <https://dashboard.ngrok.com/get-started/setup>

6. Add Authtoken

Run the following command to add your authtoken to the default `ngrok.yml` configuration file:

a. Copy from: <https://dashboard.ngrok.com/get-started/setup>

7. Start the React Application

Ensure your React application is running locally. Use the following commands:

a. bash: `npm start`

By default, React runs on <http://localhost:3000>.

8. Expose Your Application

In a terminal, run ngrok to expose your local app to the web:

a. bash: `ngrok http http://localhost:3000`

ngrok will generate a public URL, such as:

<https://3cab-72-84-69-192.ngrok-free.app/>

9. **Access the Application**

Use the generated public URL to access your application from anywhere via HTTPS.