

VERITECH – WEB DEVELOPMENT INTERN

TASK – 5

NAME: R. PRANATHI

TASK: Create Netlify Account

The goal of this project is to the process of creating a Netlify account, a platform designed to simplify the process of deploying and managing websites. Netlify offers a range of features such as continuous deployment, serverless functions, and built-in CDN, making it an attractive choice for developers seeking efficient website management solutions.

Technologies Used:

The technologies commonly used in conjunction with Netlify include:

Git: Netlify integrates seamlessly with Git repositories, allowing developers to deploy websites directly from their Git branches.

Static Site Generators (SSGs): SSGs like Gatsby, Hugo, and Jekyll are often used with Netlify to generate static websites that can be deployed easily.

JavaScript Frameworks: Frameworks such as React, Vue.js, and Angular are commonly used with Netlify to build dynamic and interactive web applications.

Serverless Functions: Netlify supports serverless functions, which are small, single-purpose functions that can be deployed alongside static assets to create dynamic functionality on websites.

Continuous Deployment (CD): Netlify provides CD pipelines that automate the process of deploying updates to websites whenever changes are pushed to the connected Git repository.

Code:

```
const fetch = require('node-fetch'); // Import the fetch library

// Function to create a Netlify account
async function createNetlifyAccount(email, password) {
  const apiUrl = 'https://api.netlify.com/api/v1/signup'; // Netlify
  signup API endpoint

  try {
    const response = await fetch(apiUrl, {
      method: 'POST',
      headers: {
        'Content-Type': 'application/json'
      },
      body: JSON.stringify({
        email: email,
        password: password
      })
    });

    const data = await response.json();

    if (response.ok) {
      console.log('Account created successfully!');
      console.log('Access token:', data.token); // Print access token
      for further API requests
      return data;
    } else {
      throw new Error(data.message || 'Failed to create account');
    }
  } catch (error) {
    console.error('Error creating account:', error.message);
  }
}

// Usage example
```

```
const email = 'your_email@example.com';  
const password = 'your_password';  
createNetlifyAccount(email, password);
```