

Mini Project

REPORT ON

Cloud Computing

(SEMESTER VI)

Submitted by

31253 Ninad More

31262 Peeyush Kulgude

31263 Pranay Agrawal

THIRD YEAR ENGINEERING



**Society for Computer
Technology and Research's**

**PUNE INSTITUTE OF COMPUTER
TECHNOLOGY
DHANKAWADI, PUNE**

A.Y. 2023-24

-CERTIFICATE-

This is to certify that the work incorporated in the report entitled “**Use of Cloud Service to host web app**” is carried out by

31253 Ninad More

31262 Peeyush Kulgude

31263 Pranay Agrawal

who is part a group of students under the subject *Cloud Computing* during A.Y.**2023-2024**. Such material has not been submitted to any other University/ Institute for any financial support. The literature related to the problem investigated has been appropriately cited and duly acknowledged wherever facilities and suggestions have been availed of.

Date: 24/04/2024

Place: PUNE

Name & Sign of LP 2

Prof. P. A. Jain

01. Introduction:

Cloud computing redefines how businesses operate by providing scalable, on-demand access to computing resources. It enhances agility, reduces costs, and fosters innovation. This document outlines the process of deploying a portfolio project on Vercel, leveraging its platform for hosting static and serverless functions.

02. Steps to Deploy the Portfolio Project:

Deploying a portfolio project involves several key steps:

1. **Create a Vercel Account:** Sign up for a Vercel account and log in to the Vercel Dashboard.
2. **Initialize a New Project:** Navigate to the Vercel Dashboard and create a new project. Choose the appropriate settings for your project, including its name and repository.
3. **Configure Deployment Settings:** Set up deployment settings, including the branch to deploy from and any environment variables required for your project.
4. **Deploy Your Project:** Trigger the deployment process in Vercel to publish your portfolio project. Vercel automatically builds and deploys your project, making it accessible via a unique URL.
5. **Custom Domain Setup:** Optionally, configure a custom domain for your portfolio project to enhance its branding and accessibility.

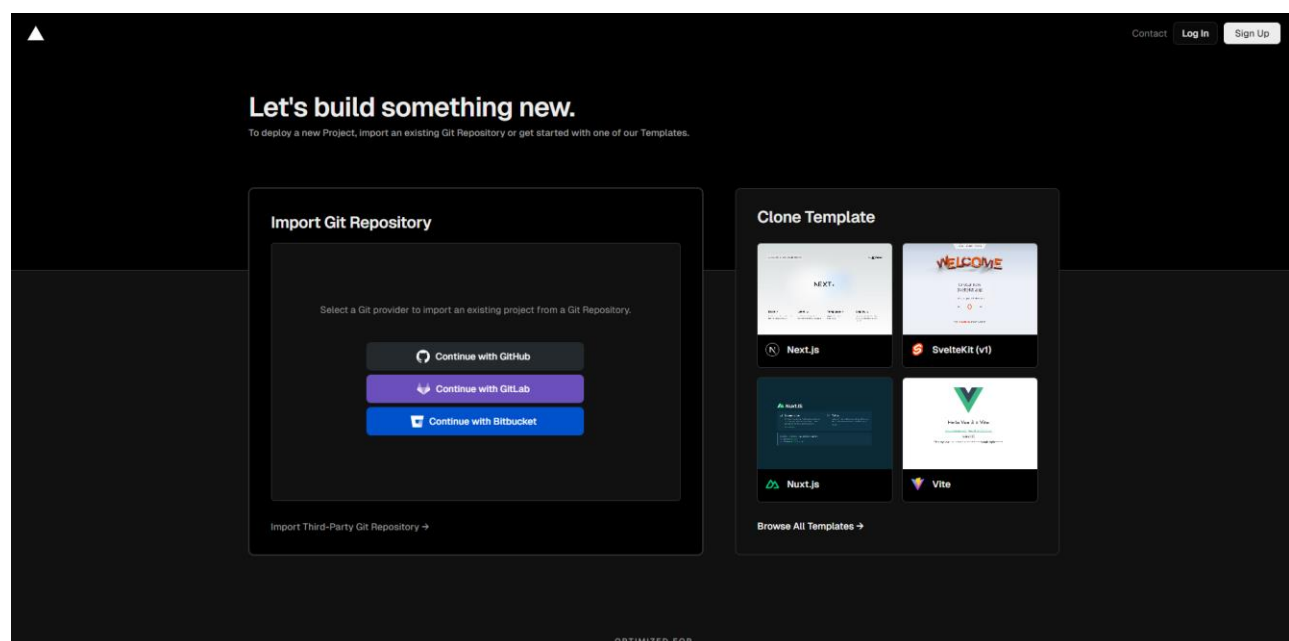
Prerequisites for Deploying a Portfolio Project on Vercel:

Before deploying your portfolio project on Vercel, ensure you have the following prerequisites in place:

- A Vercel account.
- Basic knowledge of HTML, CSS, and JavaScript for building your portfolio project.
- Familiarity with Git for version control and collaboration.

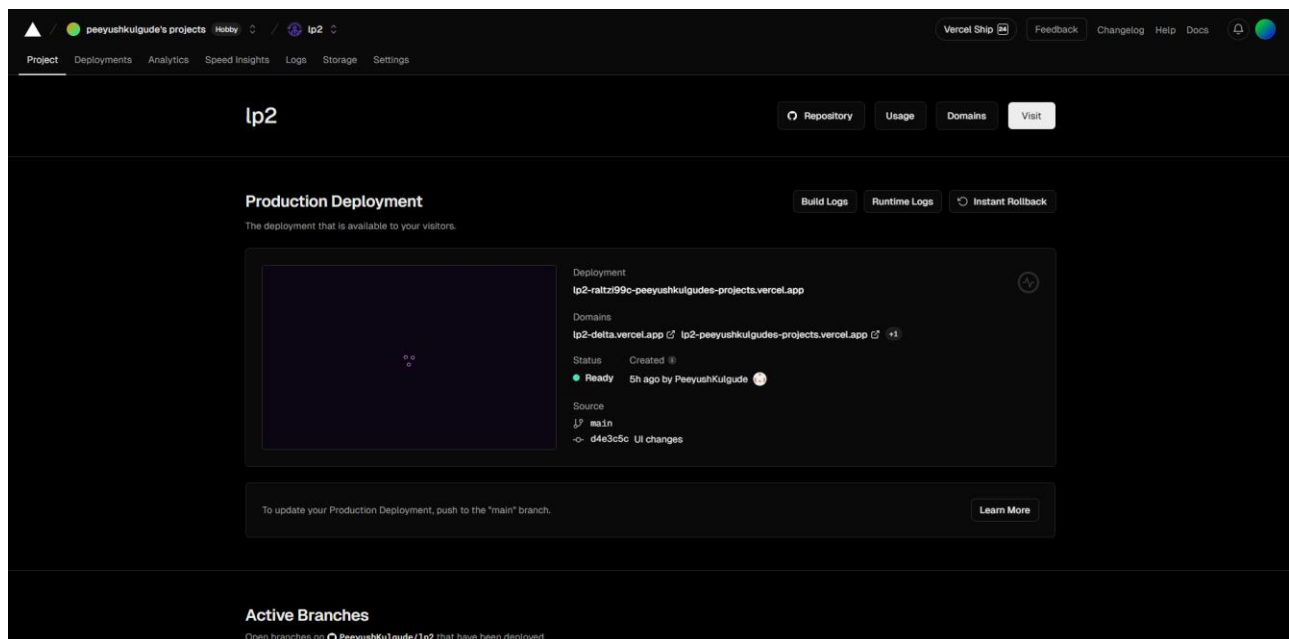
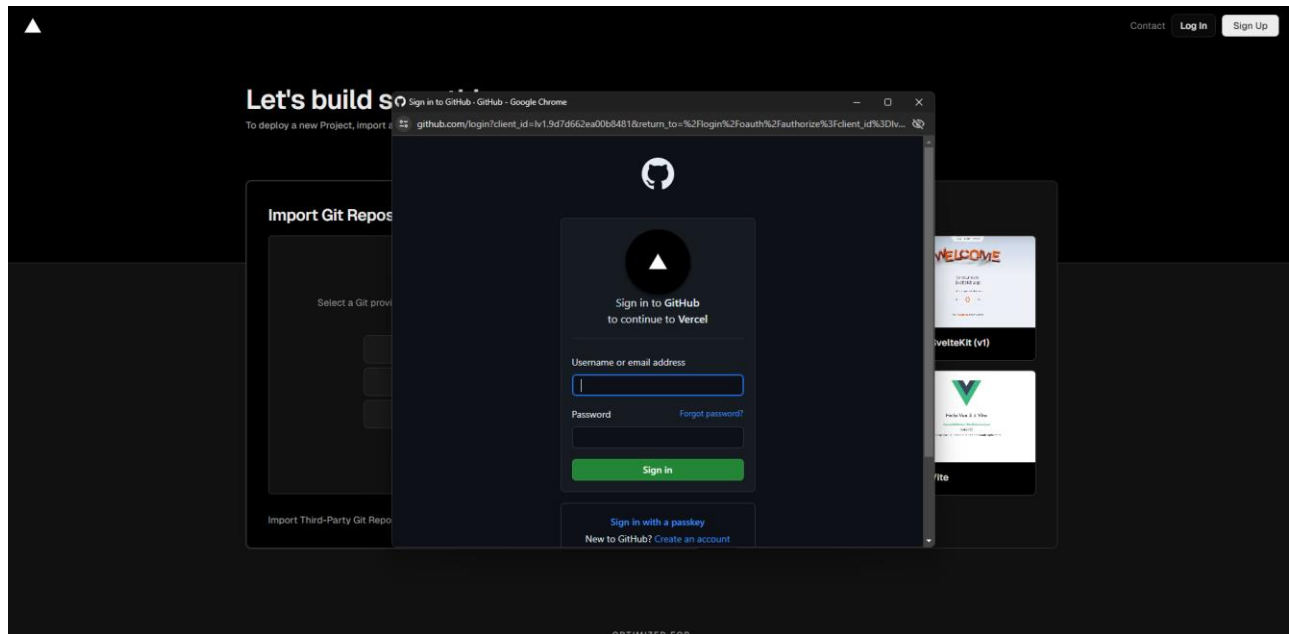
03. Vercel Cloud Platform Info:

Vercel is a cloud platform that specializes in hosting static sites and serverless functions. It offers seamless deployment workflows, instant scaling, and built-in CI/CD capabilities. Vercel's platform simplifies the process of deploying web projects, enabling developers to focus on building exceptional user experiences.



04. Git Integration with Vercel:

Git integration is seamlessly integrated into Vercel's deployment process. By connecting your Git repository to Vercel, you can automate deployments and enable collaborative development workflows. Vercel automatically detects changes in your Git repository and triggers deployments, ensuring your portfolio project stays up-to-date with your latest changes.



05. Conclusion:

In conclusion, deploying a portfolio project on Vercel empowers developers to showcase their skills and projects effectively. Leveraging Vercel's cloud platform offers simplicity, scalability, and reliability, enabling developers to focus on building remarkable portfolio experiences. By following the outlined steps and leveraging Vercel's platform effectively, developers can create impactful portfolio projects that leave a lasting impression.

06. Conclusion:

