

Scoop Labs Project Lab

Full Stack Development Project Brief

Project Title: Developer Portfolio Website

Difficulty Level: Beginner

Estimated Duration: 2-3 Weeks

Suggested Stack: React / HTML / CSS / JavaScript

Project Overview

In this project, you will build a **personal developer portfolio website** that showcases your skills, projects, and experience. The portfolio will act as your **online professional profile**, allowing recruiters and employers to review your work and technical abilities.

The goal of this project is to help students understand how to structure a real-world web application, build responsive user interfaces, and deploy a live website that can be shared publicly.

This project focuses on **practical implementation using freely available development tools and platforms**, ensuring that students can complete the project without requiring paid services.

Why This Project Matters

A personal portfolio website is one of the most important assets for a developer. It acts as a **digital resume** where you can demonstrate your technical skills, projects, and development experience.

Recruiters often prefer candidates who can show **working applications and real projects** instead of only theoretical knowledge. By completing this project, you will gain hands-on experience in building and deploying a portfolio website that you can share in your resume, LinkedIn profile, or job applications.

This project also helps students understand how modern web applications are structured and deployed.

Learning Outcomes

By completing this project, students will learn and practice:

- Building responsive web interfaces using modern frontend technologies
- Structuring applications using **React component architecture**
- Implementing modern CSS layouts using **Flexbox and Grid**
- Creating interactive UI components
- Handling form submissions and basic API integrations
- Deploying a web application to a live hosting platform
- Creating a portfolio-ready project that can be shared with recruiters

Project Requirements

Your portfolio website should include the following sections and functionality:

Hero / Introduction Section

- Your name and short introduction
- A short professional summary
- Navigation links to other sections of the website

About Me Section

- Background information
- Skills and technologies you are familiar with

Projects Section

- Display a list of projects you have worked on
- Each project should include a title, description, and technologies used
- Optional: Add links to GitHub repositories or live demos

Contact Section

- A contact form where visitors can send a message
- The form can use a simple backend API or free email form services

Responsive Design

- The website should work properly on **desktop, tablet, and mobile devices**

Technical Guidelines

Students are encouraged to follow the guidelines below while implementing the project.

Frontend

- Use **React** to build the user interface
- Use **HTML, CSS, and JavaScript** for styling and functionality
- Follow modular component-based structure
- Use responsive design practices

Backend (Optional but Recommended)

Students may implement a simple backend using:

- Node.js
- Express.js

This can be used to manage portfolio entries or handle contact form submissions.

Free Development Tools

Students can use the following free tools to complete the project:

- **VS Code** for development
- **GitHub** for source code management
- **Vercel / Netlify** for website deployment
- **Render** (optional) for backend hosting

These platforms provide free tiers suitable for this project.

Bonus Challenges (Optional)

Students who want to enhance their project can add additional features such as:

- Dark mode theme toggle
- Simple blog section
- Animated UI elements
- Project filtering or search functionality
- CMS-style interface to manage portfolio projects

These improvements help demonstrate advanced development skills.

Submission Guidelines

To receive the **Project Completion E-Certificate**, students must submit the following:

- GitHub repository link containing the complete project source code
- Live deployed website link

Students can deploy their project using **free hosting platforms such as Vercel, Netlify, or Render.**

All projects must be submitted using the **official Scoop Labs Project Lab submission form.**

Submission Form:

<https://scooplabs.in/project-lab>

Ensure that your GitHub repository includes a **README file explaining the project and setup instructions.**

Certification

Students who successfully complete and submit their project will receive a **Project Completion E-Certificate from Scoop Labs, an Authorized Training Partner of the National Skill Development Corporation (NSDC) under the Skill India Mission.**

This certification recognizes the successful completion of an industry-oriented development project.

Project Showcase Opportunity

Selected high-quality submissions may be **featured in the Scoop Labs Project Gallery.**

Projects showcased in the gallery serve as a **public portfolio reference**, providing additional credibility when students share their work with recruiters and potential employers.

Need Help?

If you have any questions or face issues while building the project, you can contact the Scoop Labs team for guidance.

Support Email:

info@scooplabs.in

Scoop Labs Project Lab

Building industry-ready projects for aspiring developers.

Scoop Labs is an **Authorized Training Partner of the National Skill Development Corporation (NSDC)** under the **Skill India Mission**, committed to helping learners develop practical technical skills through real-world projects.