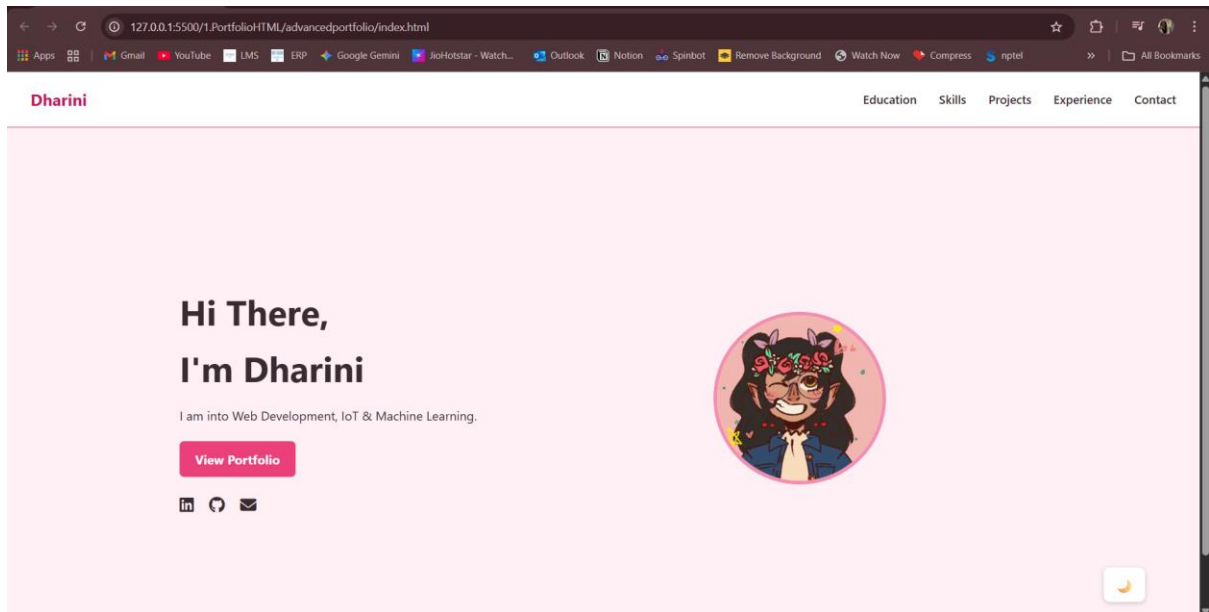


Lab 1. Portfolio

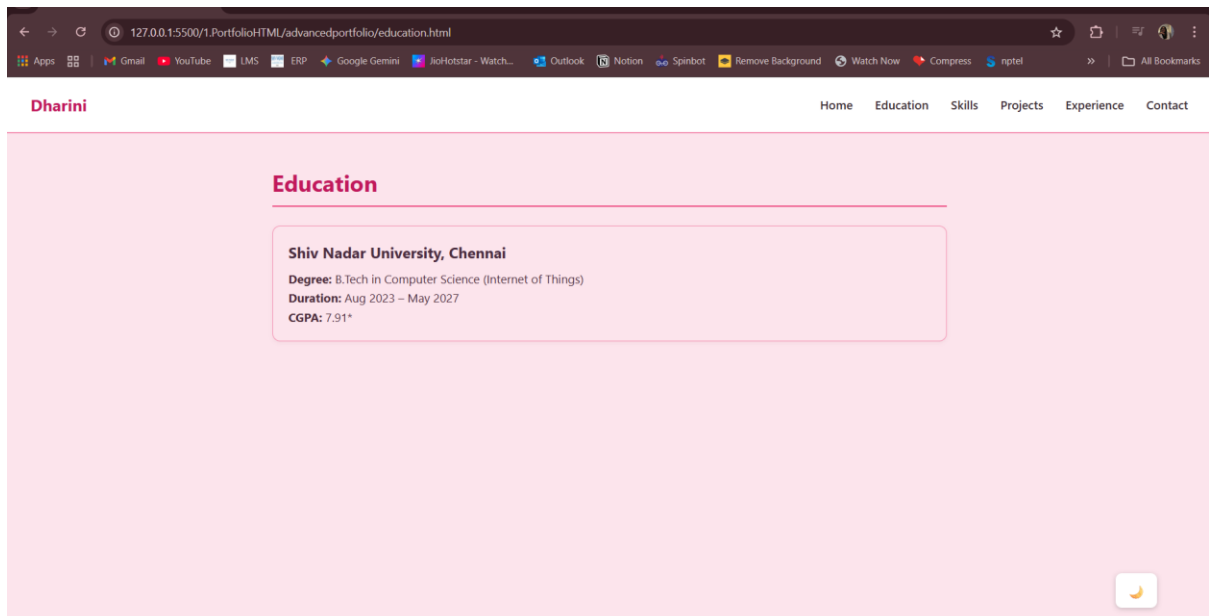
Aim: Create a personal portfolio webpage using HTML and CSS to showcase basic information and projects.

Output:

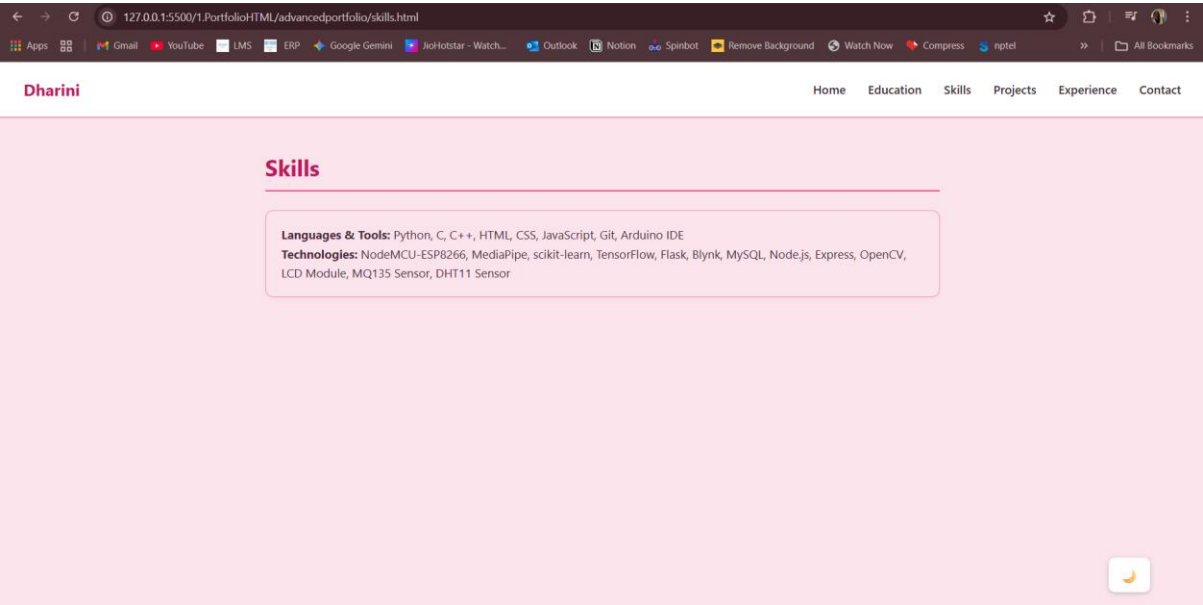
Home Page



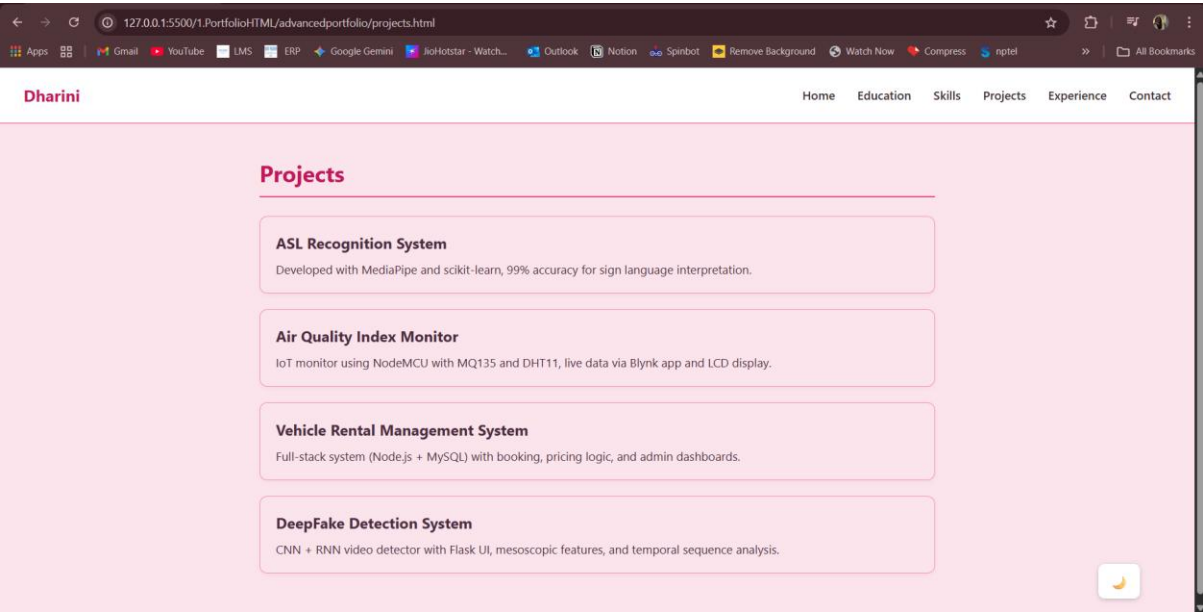
Education



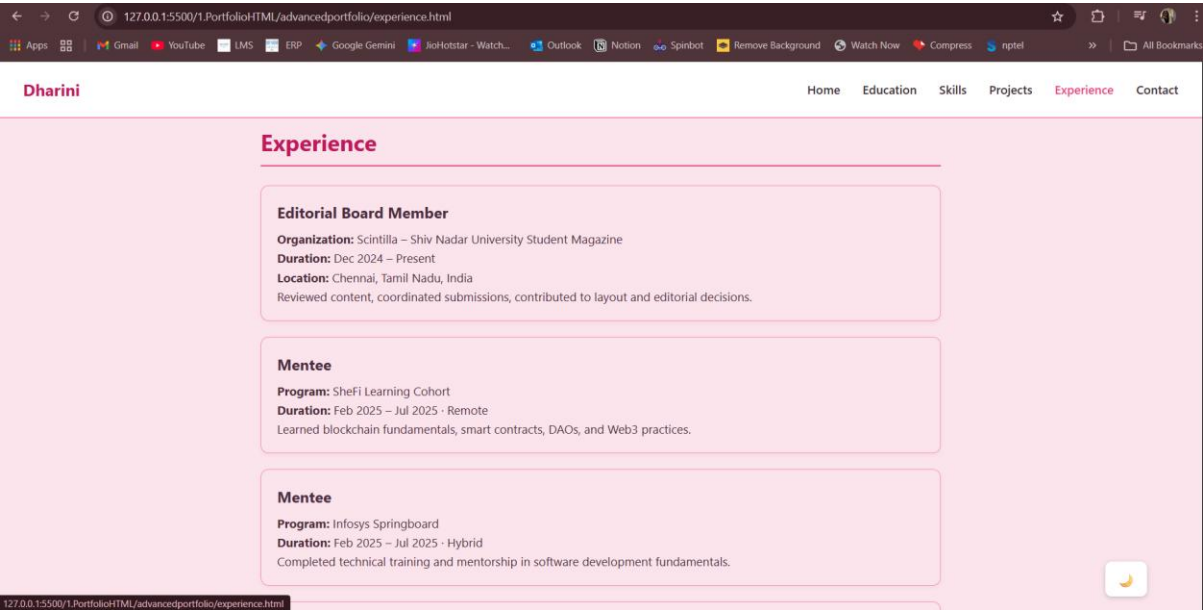
Skills



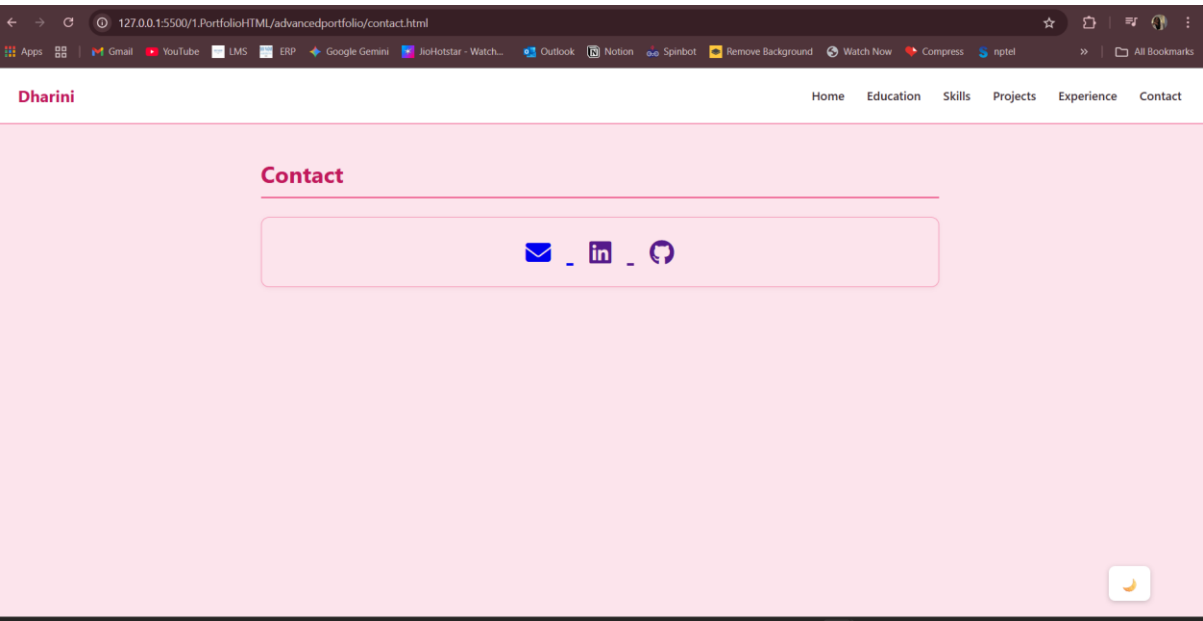
Projects



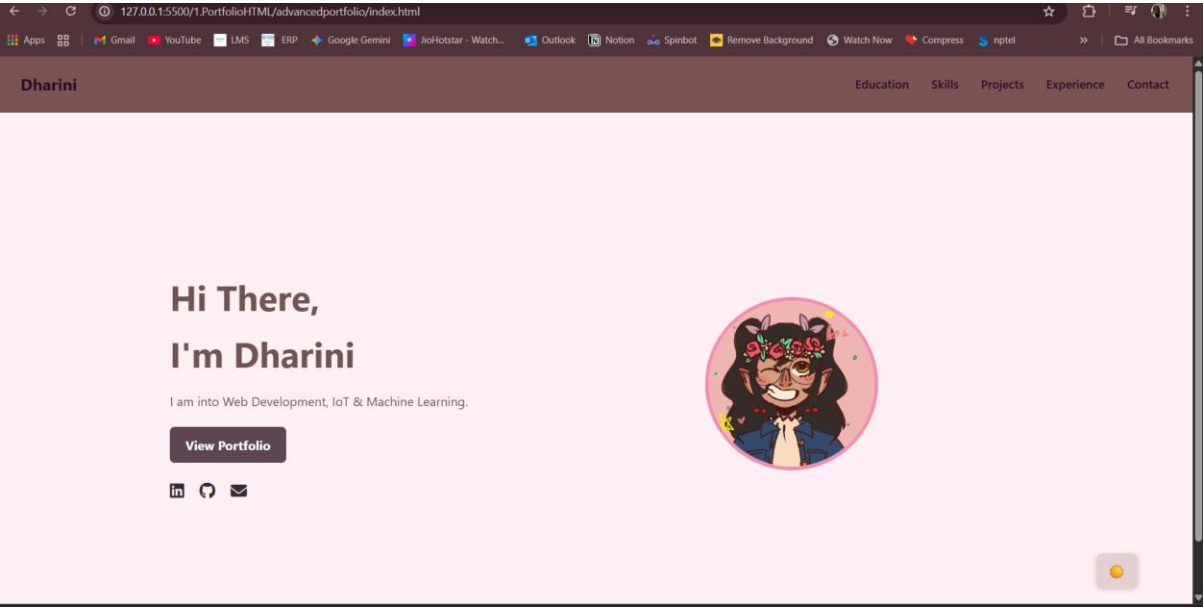
Experience



Contact



Home-Dark Mode

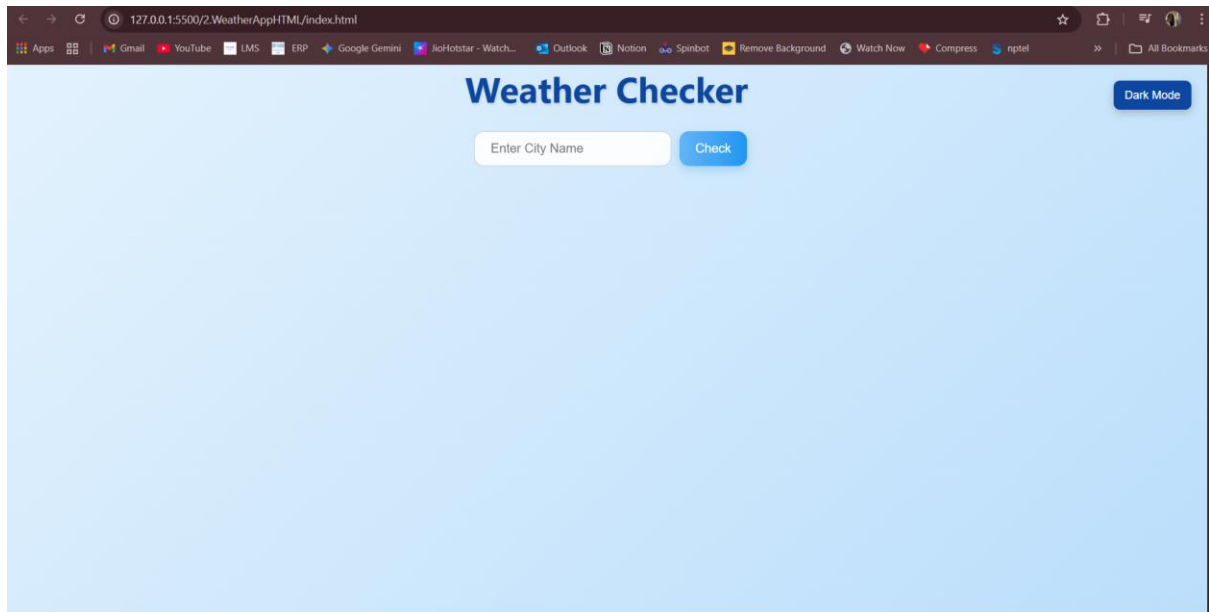


Lab 2. Weather App

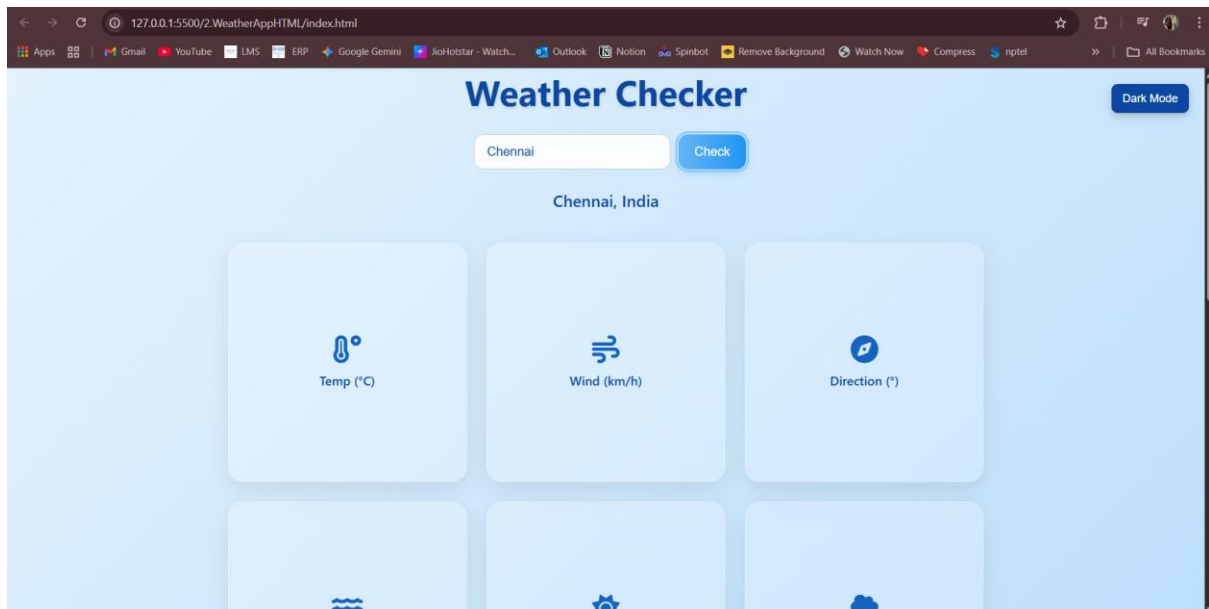
Aim: Design a simple weather app interface using HTML and CSS to display weather information for a city.

Output:

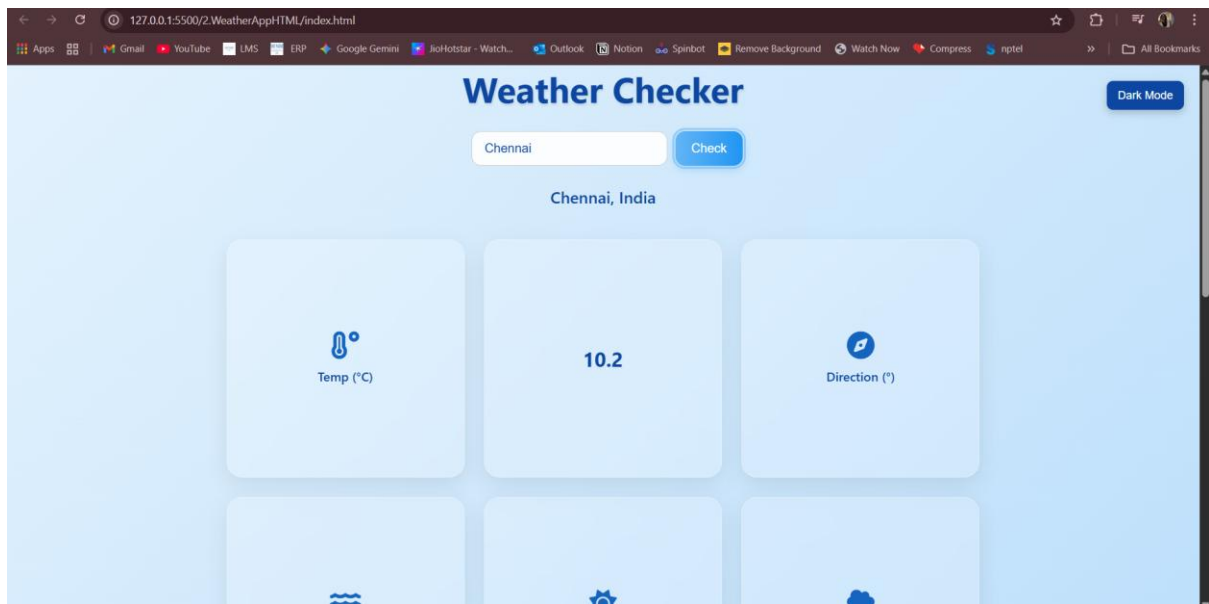
Home



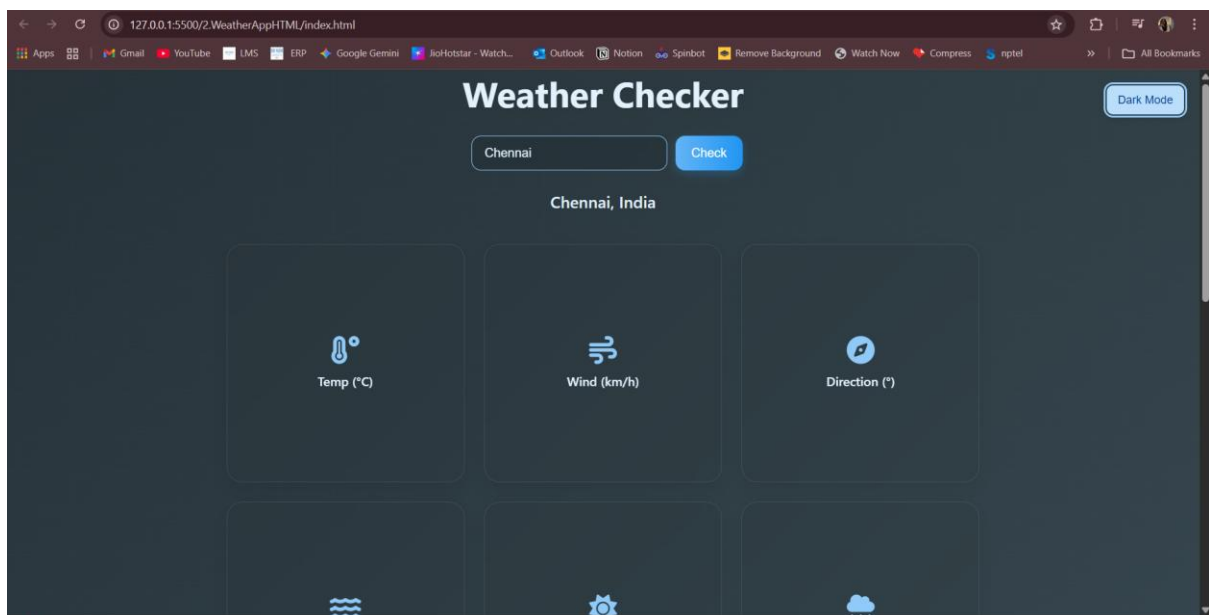
Input Result



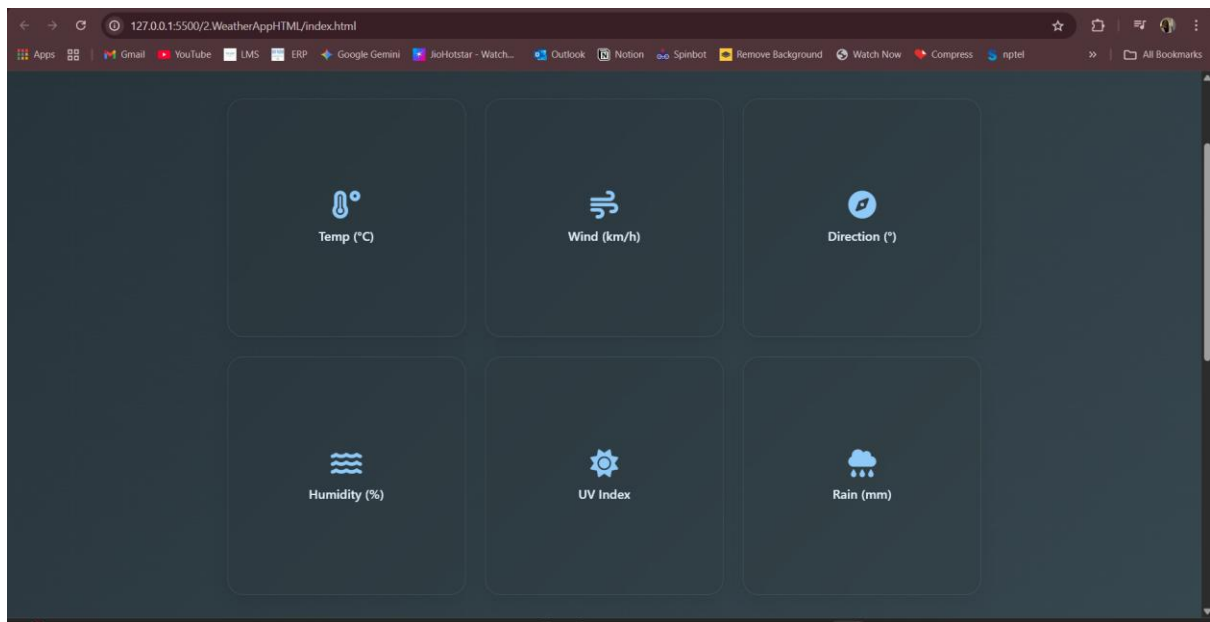
Value (on hover)



Dark Mode



All Values

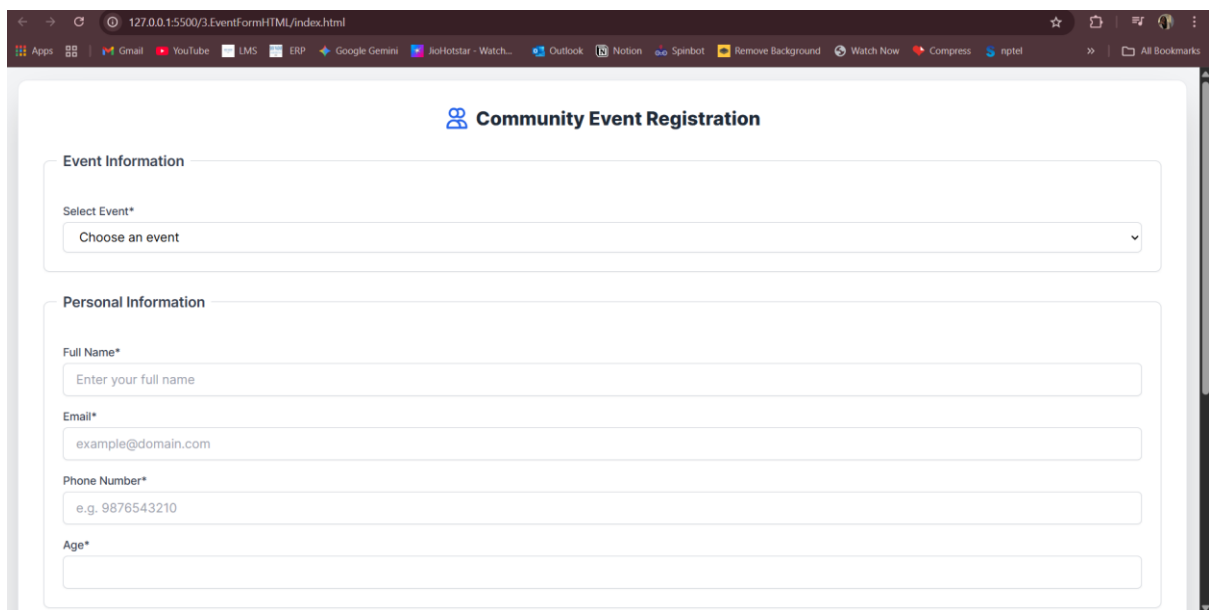


Lab 3. Event Registration Form

Aim: Develop an event registration form using HTML and CSS to collect participant details.

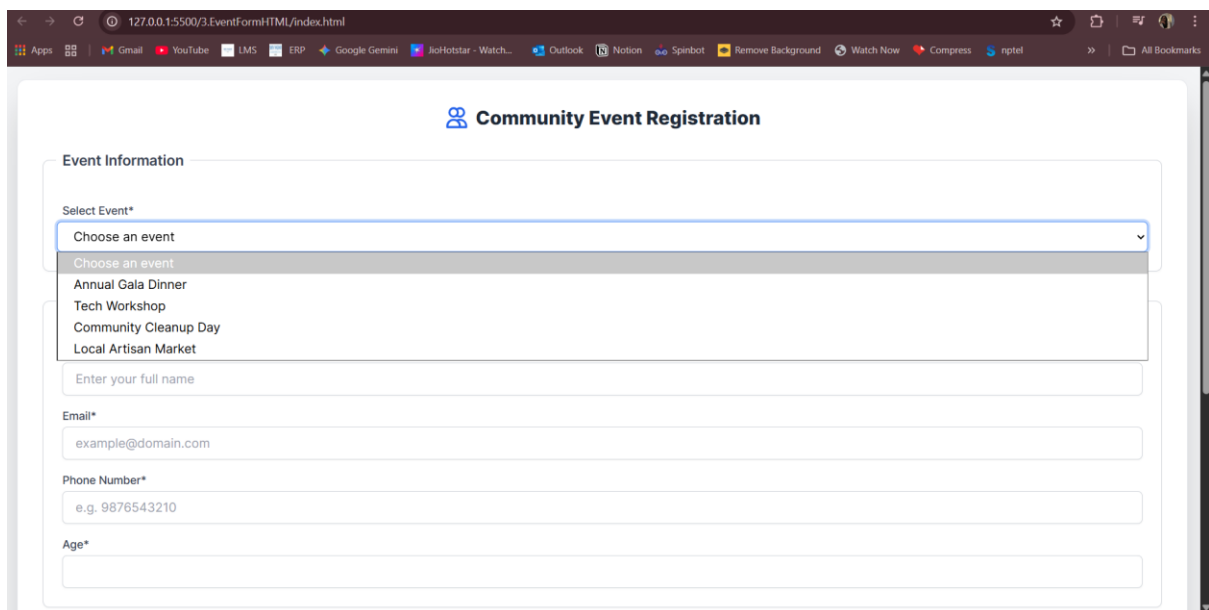
Output

Blank Form



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/3.EventFormHTML/index.html'. The browser's taskbar at the top includes icons for Apps, Gmail, YouTube, LMS, ERP, Google Gemini, JotForm, Outlook, Notion, Spinbot, Remove Background, Watch Now, Compress, and nptel. The form itself is titled 'Community Event Registration' and is divided into two main sections: 'Event Information' and 'Personal Information'. The 'Event Information' section contains a 'Select Event*' dropdown menu with the placeholder text 'Choose an event'. The 'Personal Information' section contains four text input fields: 'Full Name*' with the placeholder 'Enter your full name', 'Email*' with the placeholder 'example@domain.com', 'Phone Number*' with the placeholder 'e.g. 9876543210', and 'Age*'.

Drop down menu



This screenshot shows the same 'Community Event Registration' form as the previous one, but with the 'Select Event*' dropdown menu open. The dropdown menu is expanded, showing a list of event options: 'Choose an event' (the selected option), 'Annual Gala Dinner', 'Tech Workshop', 'Community Cleanup Day', and 'Local Artisan Market'. The rest of the form, including the 'Personal Information' section with its four text input fields, remains visible and unchanged.

Error Checking for Input

Community Event Registration

Event Information

Select Event*

Tech Workshop

Personal Information

Full Name*

Dharini Manimaran

Email*

dharini23110202@snuchennai.edu.in

Phone Number*


07305566771

Phone must be a 10-digit number.

Age*

20

Thank you page



Thank you, Dharini Manimaran!

Your registration has been successfully submitted. We look forward to seeing you at the event.

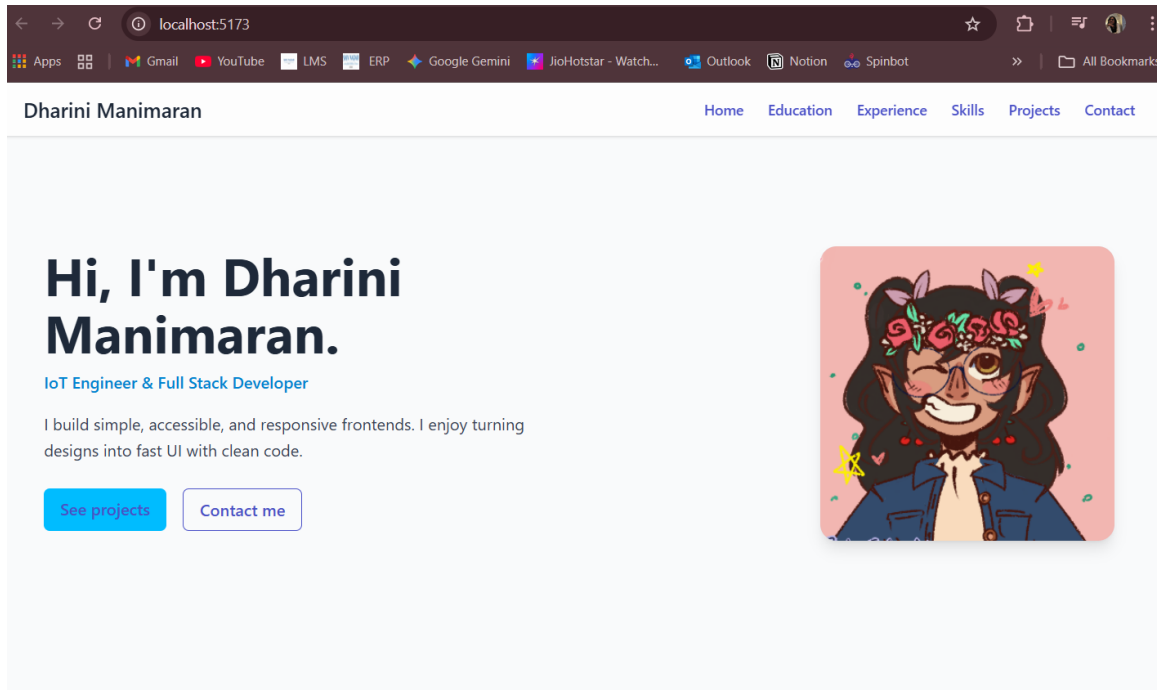
[Go Back to Home](#)

Lab 4. Portfolio – React

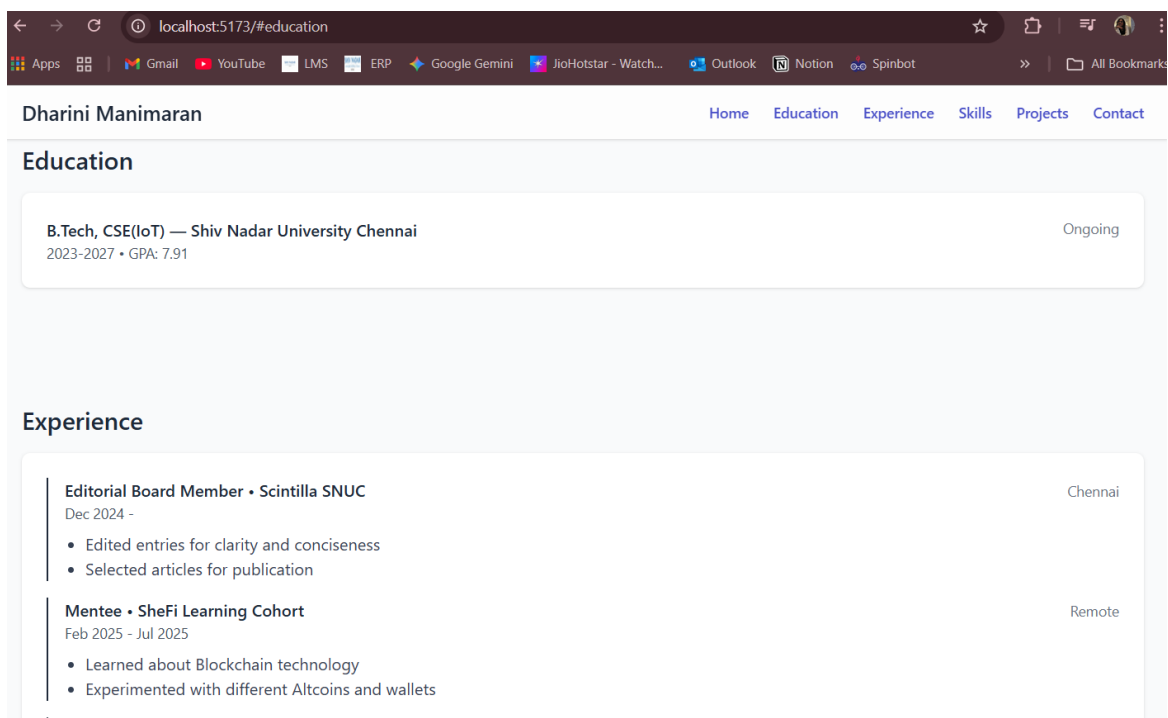
Aim: Build a portfolio website using React components to display personal details

Output

Home



Education



Experience

localhost:5173/#experience

Apps

Gmail

YouTube

LMS

ERP

Google Gemini

JioHotstar - Watch...

Outlook

Notion

Spinbot

All Bookmarks

Dharini Manimaran

HomeEducationExperienceSkillsProjectsContact

Experience

Editorial Board Member • Scintilla SNUC

Dec 2024 -

Chennai

- Edited entries for clarity and conciseness
- Selected articles for publication

Mentee • SheFi Learning Cohort

Feb 2025 - Jul 2025

Remote

- Learned about Blockchain technology
- Experimented with different Altcoins and wallets

Mentee • Infosys Springboard

Feb 2025 - Jul 2025

Remote

- Learned about software development fundamentals
- Learned about Agile and Scrum methodologies

Skills

localhost:5173/#experience

Skills

localhost:5173/#skills

Apps

Gmail

YouTube

LMS

ERP

Google Gemini

JioHotstar - Watch...

Outlook

Notion

Spinbot

All Bookmarks

Dharini Manimaran

HomeEducationExperienceSkillsProjectsContact

Skills

HTML

CSS

JavaScript

React

Tailwind

Git

Responsive Design

Projects

Vehicle Rental Management System

Sep 2024 - Nov 2024

Shiv Nadar University Chennai

Node.js • MySQL • Express.js • EJS • JavaScript

Developed a Vehicle Rental Management System to streamline booking, fleet management, and customer interactions. Features include real-time vehicle availability, automated pricing calculations, secure payment integration, and a user-friendly dashboard for efficient rental operations. Focused on optimizing

DeepFake Detection System

Aug 2024 - Aug 2024

Shiv Nadar University Chennai

Artificial Intelligence • Machine Learning • Python • OpenCV

Deepfake detection project that leverages AI to identify manipulated videos. The system analyzes video content for synthetic alterations and provides alerts on potential deepfakes, enhancing media authenticity verification. Aimed at improving digital trust and combating misinformation.

Projects

← → ↺

localhost:5173/#projects

☆ 📁 📄 👤 ⋮

Apps 🗪

Gmail

YouTube

LMS

ERP

Google Gemini

JioHotstar - Watch...

Outlook

Notion

Spinbot

»

All Bookmarks

Dharini Manimaran

Home Education Experience Skills Projects Contact

Projects

Vehicle Rental Management System

Sep 2024 - Nov 2024

Shiv Nadar University Chennai

Node.js • MySQL • Express.js • EJS • JavaScript

Developed a Vehicle Rental Management System to streamline booking, fleet management, and customer interactions. Features include real-time vehicle availability, automated pricing calculations, secure payment integration, and a user-friendly dashboard for efficient rental operations. Focused on optimizing user experience and operational efficiency.

Repository

DeepFake Detection System

Aug 2024 - Aug 2024

Shiv Nadar University Chennai

Artificial Intelligence • Machine Learning • Python • OpenCV

Deepfake detection project that leverages AI to identify manipulated videos. The system analyzes video content for synthetic alterations and provides alerts on potential deepfakes, enhancing media authenticity verification. Aimed at improving digital trust and combating misinformation.

Repository

Contact

Contact

← → ↺

localhost:5173/#projects

☆ 📁 📄 👤 ⋮

Apps 🗪

Gmail

YouTube

LMS

ERP

Google Gemini

JioHotstar - Watch...

Outlook

Notion

Spinbot

»

All Bookmarks

Dharini Manimaran

Home Education Experience Skills Projects Contact

Contact

Want to work together? I am open to internships and freelance work. You can reach me at:

Email: dharinimanimaran2005@gmail.com

Phone: +91 7305566771

Your name

Your email

Message

Send

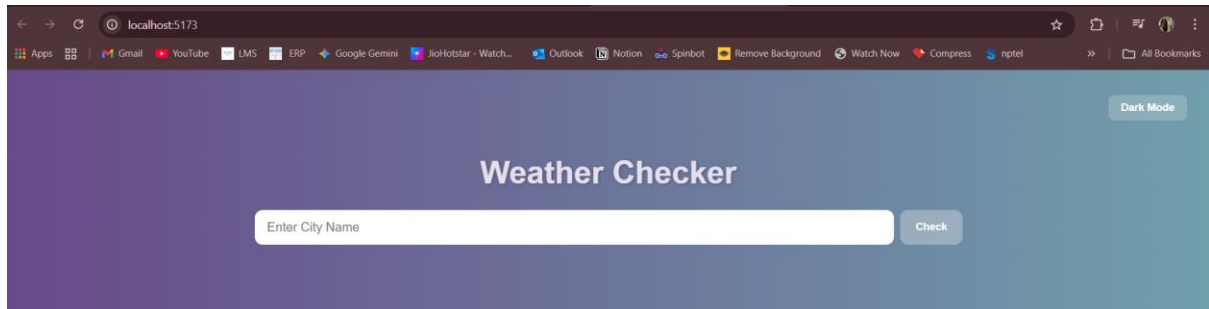
© 2025 Dharini Manimaran

Lab 5. Weather – React

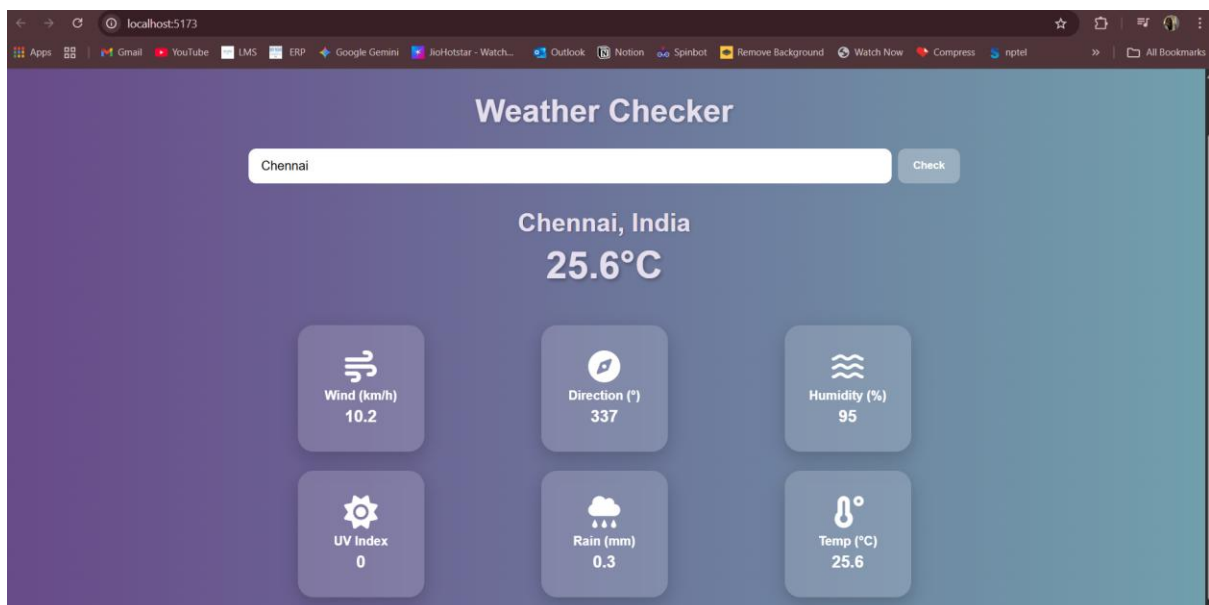
Aim: Create a weather app using React that displays weather information of a city.

Output

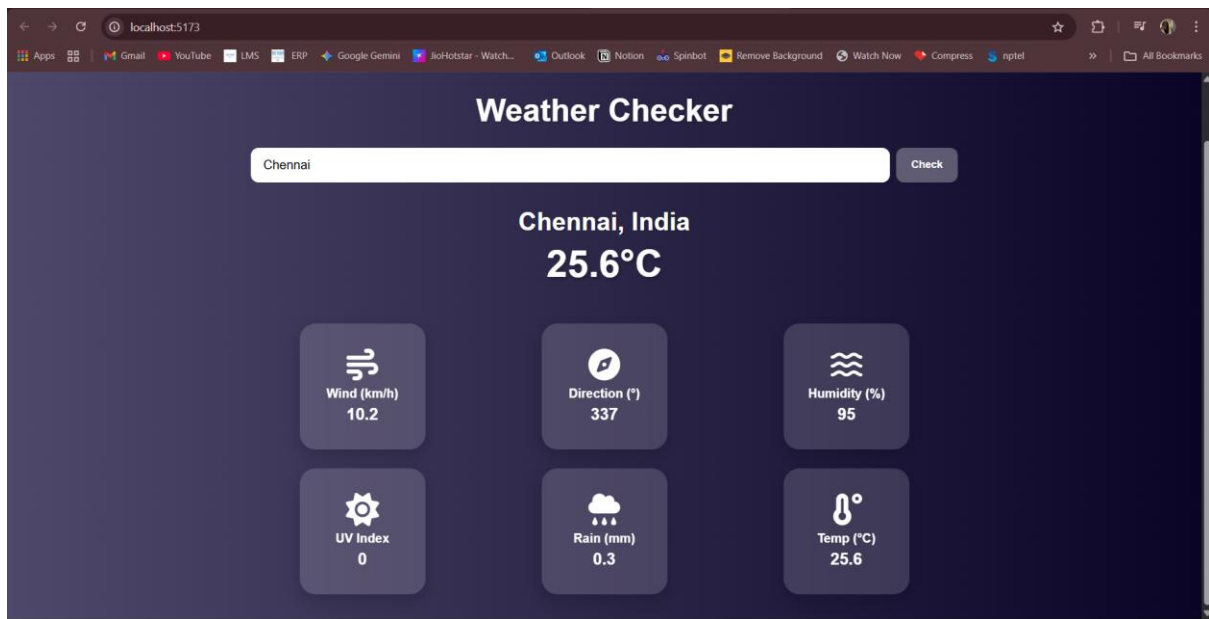
Home



Values after Input



Dark Mode

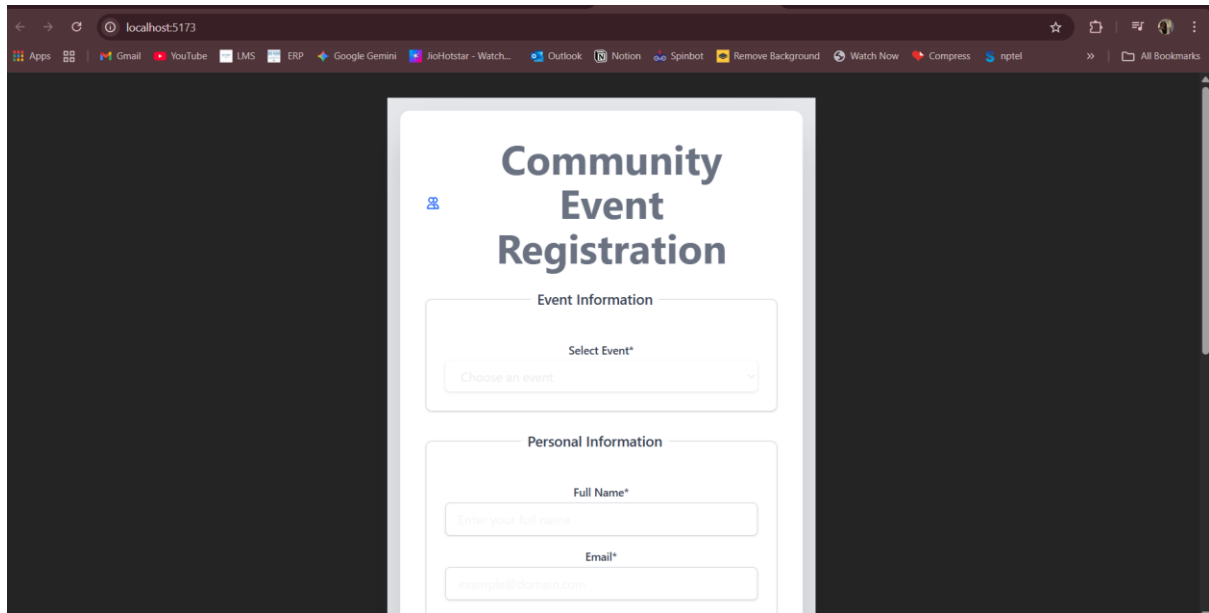


Lab 6. Event Registration Form

Aim: Develop an event registration form using React to collect participant details.

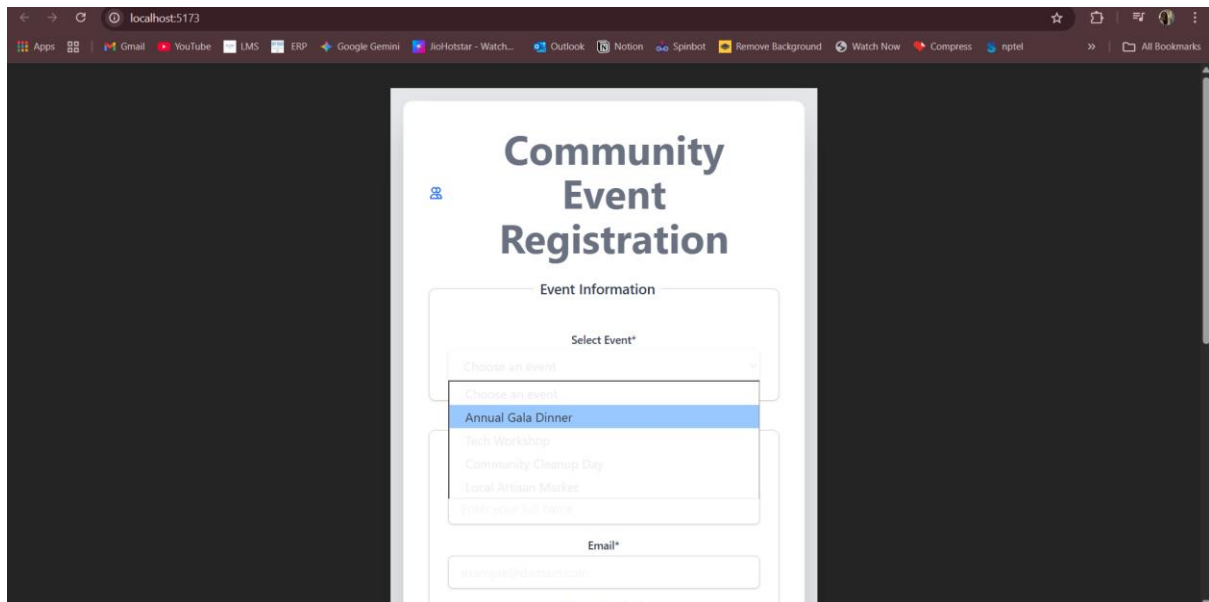
Output

Empty Form



A screenshot of a web browser displaying a form titled "Community Event Registration". The form is centered on a dark background. It contains two main sections: "Event Information" and "Personal Information". The "Event Information" section has a dropdown menu labeled "Select Event*" with the placeholder text "Choose an event". The "Personal Information" section has two text input fields: "Full Name*" with the placeholder "Enter your full name" and "Email*" with the placeholder "example@domain.com".

Drop down Menu



A screenshot of the same "Community Event Registration" form, but with the "Select Event*" dropdown menu open. The menu displays a list of event options: "Choose an event" (the selected item), "Annual Gala Dinner", "Tech Workshop", "Community Cleanup Day", and "Local Artisan Market". Below the dropdown, the "Full Name*" and "Email*" input fields are visible, with the email field containing the placeholder "example@domain.com".

Error Checking of Input

The screenshot shows a web browser window with the address bar displaying "localhost:5173". The browser's address bar and tab bar are visible at the top. The main content area displays a registration form with the following fields and error messages:

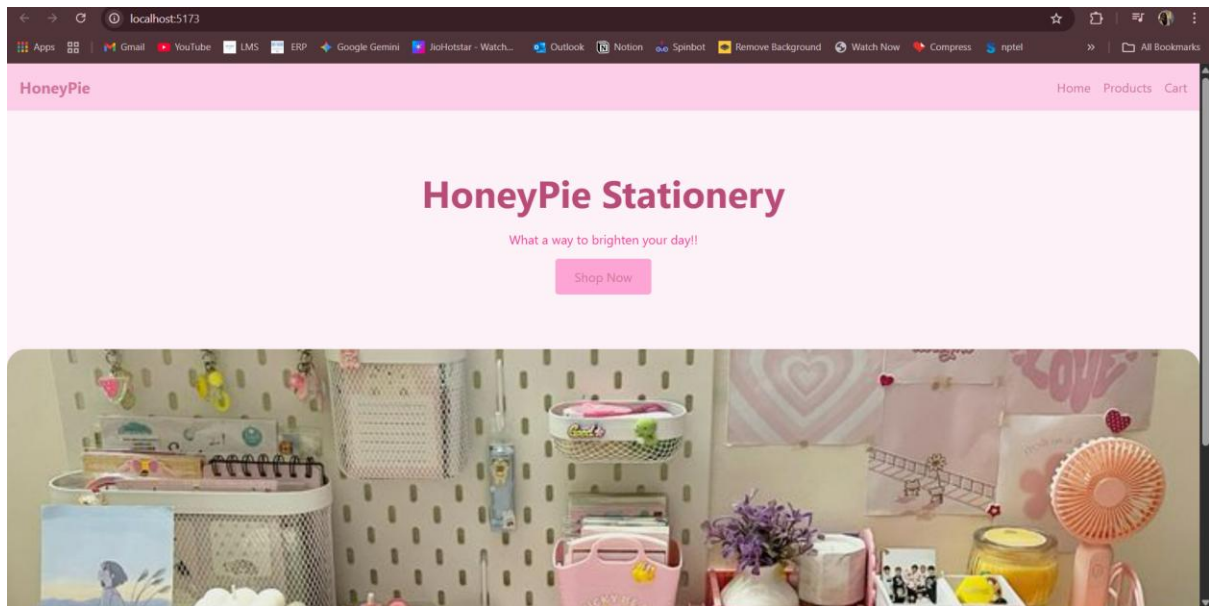
- Email:** asdfg@hjk.com
- Phone Number*:** 07305566771. Below the input field, a red error message reads: "Please enter a 10-digit phone number."
- Age*:** 20
- Gender:** Radio buttons for Male, Female (selected), and Other.
- Comments (Optional):** rik. Below the input field, there are two small green icons.
- Agreement:** A checkbox is checked, followed by the text "I agree to the [terms and conditions](#)."
- Register Button:** A dark blue button with the text "Register". Below the button, a red error message reads: "You must agree to the terms and conditions."

Lab 7. E-Commerce Platform (React)

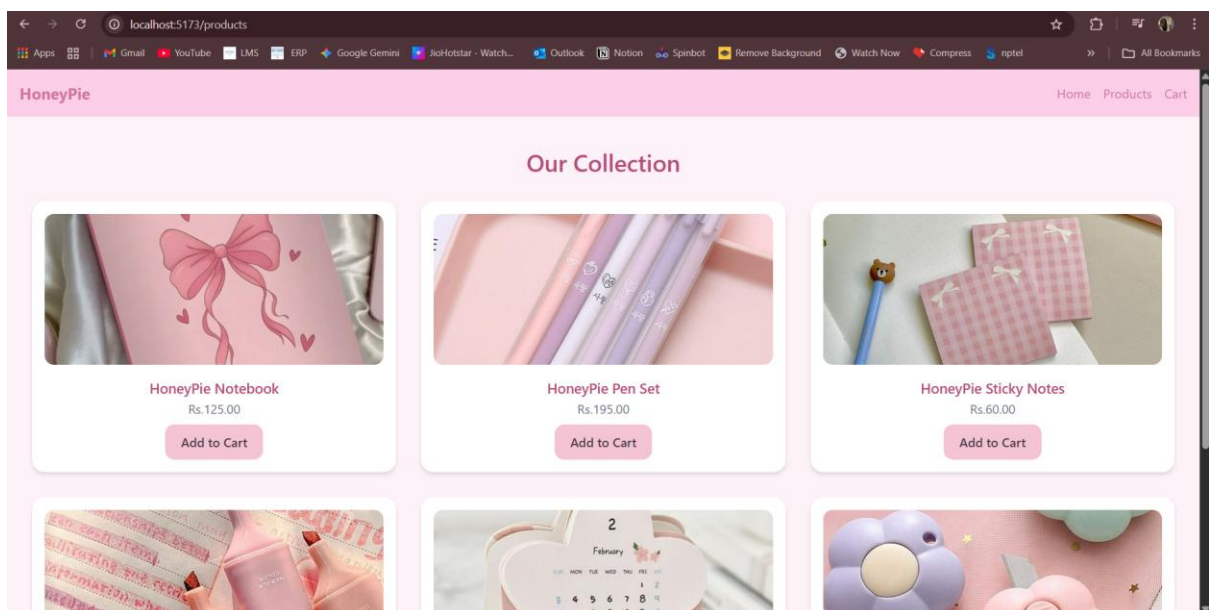
Aim: Design a basic e-commerce platform using React with product listing and cart functionality.

Output

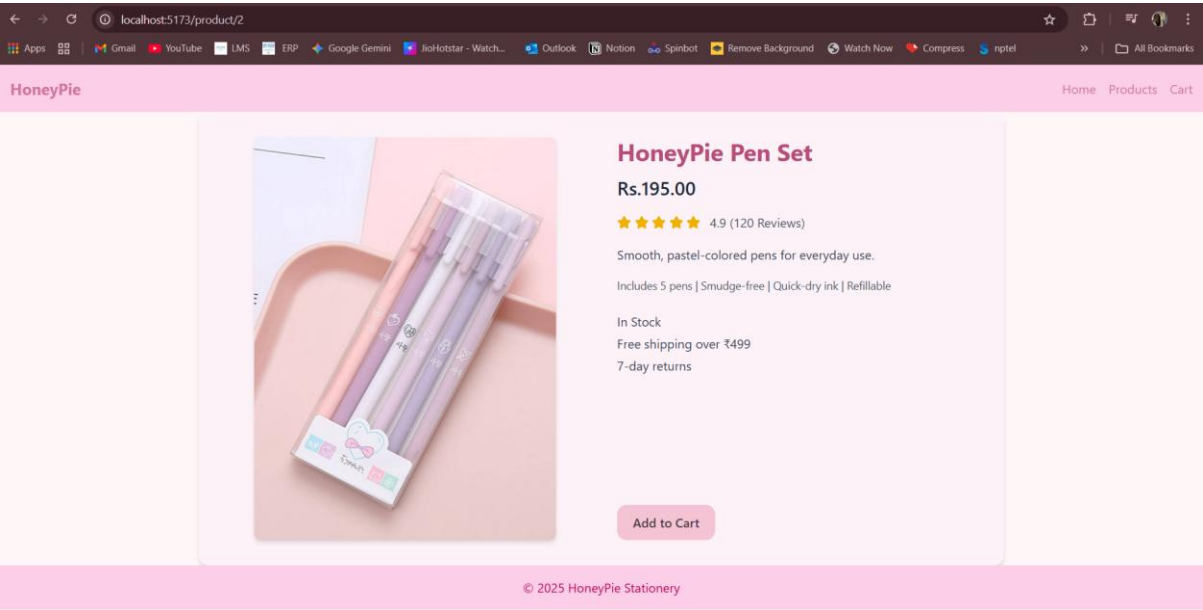
Home



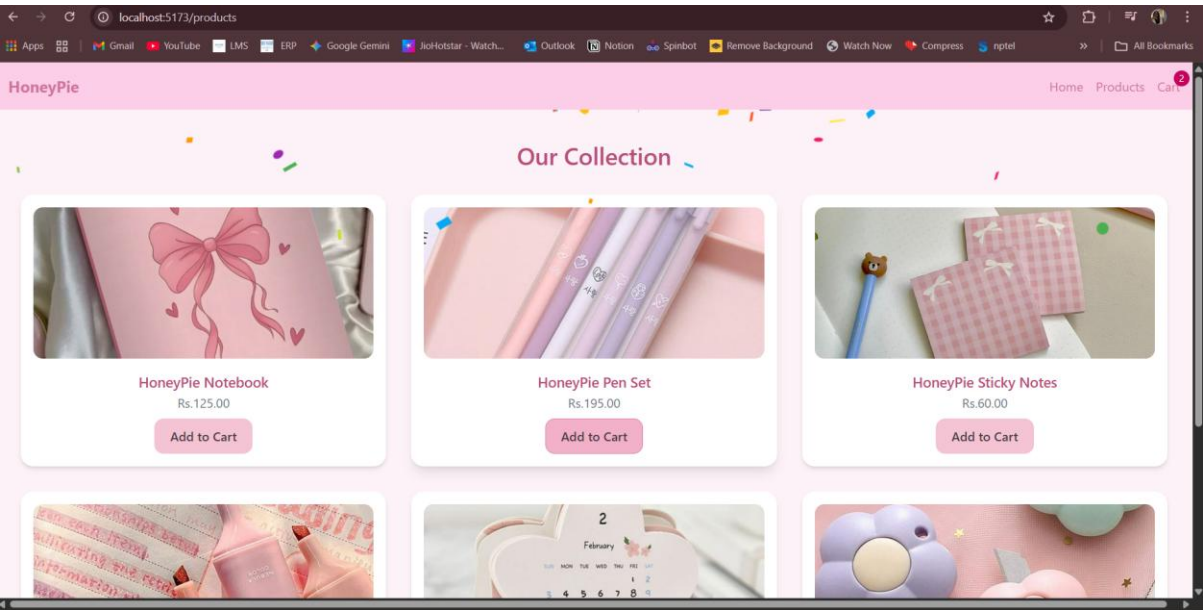
Products Display Page



Product Details Page



On pressing 'Add To Cart'



Cart

