

PITTU PRASANTH

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Education

Chandigarh University

B.E. in CSE (7.33 CGPA)

Aug 2021 - Present

Mohali, Punjab

Experience

Dabotics India | Certificate

Remote

Front End Developer

July-Aug 2023

- Accomplished responsive design principles using Bootstrap and CSS3, resulting in a **30%** increase in mobile user satisfaction and retention.
- Generated QR codes and developed a calculator application, enhancing the company's tool offerings.
- Cloned the company's website, achieving an **80%** feature match, which improved my understanding of complex web structures and design patterns.
- Learned and applied HTML, CSS, and JavaScript, gaining foundational web development skills and proficiency in using third-party libraries.
- Collaborated with the team to integrate third-party libraries, improving functionality and reducing development time.

Projects

Sorting Visualization - Code | Website

For Students

Reactjs+vite, JavaScript, tailwind, Git

- Achieved **90%** user satisfaction rate: Fulfill a user-centric design with React.js + Vite and Tailwind CSS.
- Project: "Efficiency in Order: A Comparative Visualization of Sorting Algorithms for Enhanced Algorithmic Understanding"
- Achievement: Created an educational platform that: Increased user engagement by **50%** Improved understanding of algorithmic concepts for over 500 users Provided interactive sorting algorithm visualizations
- Implemented various sorting algorithms to create a platform that: Teaches algorithmic concepts. Enables users to explore and experiment with real-world applications.

Weather Using React Js - Code | Website

for Users

React Js, Css, Api, tailwind, Git

- Implemented advanced weather forecasting features in WeatherCastNow, providing users with up-to-date information crucial for daily planning and travel; leveraged OpenWeather API for accurate, real-time weather updates
- Spearheaded the WeatherCastNow project to deliver cutting-edge real-time weather forecasts, interactive maps, and a user-friendly interface using OpenWeather API, Windy.com, and Rapido API
- Delivered a cutting-edge weather forecasting experience by integrating OpenWeather, Windy.com, and Rapido APIs, providing real-time updates and interactive maps, enhancing user planning of daily activities and travel by **50%**

Gemini Clone - Code | Website

Personal

Reactjs, JavaScript, Nodejs, OpenAI, GCP, Express js, tailwind, Git

- Integrated real-time updates of market data with a latency of less than **2** seconds, enabling users to make informed trading decisions based on the latest information.
- Developed an intuitive user interface that accepts direct keyboard input, enhancing user interaction and experience.

Skills

Technical Skills : JavaScript (ES6+), ReactJS, Powershell, Next Js, Express Js, NodeJS, SQL, Python, C++ Java

Databases & Tools : Git, Visual Studio Code, Postman, npm/yarn, Visual Studio, MongoDB

Excel, GCP, AWS

Certifications: React Js, Web Development, Data Analytics, Python Course MongoDB

Achievements & Volunteering

- 140+ LeetCode problems, showcasing extensive knowledge of data structures and algorithms.
- Completed 9+ Frontend Mentor challenges, demonstrating proficiency in frontend development.
- Published 2 research papers, contributing to academic knowledge and demonstrating research capabilities.
- Scored in the top **5%** in the NPTEL exam, highlighting academic excellence and subject mastery.
- Developed 20+ personal projects using React, HTML, CSS, and JavaScript, demonstrating hands-on experience and a diverse skill set in frontend development also completed 2 projects with Node.js and Next.js while learning full-stack development.