

Abhiram Pedada

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SRM UNIVERSITY – AP

B.Tech., Computer Science and Engineering

Narayana group of colleges

Grade 12

Narayana group of schools

Grade 10

October 2022 - Present

CGPA (current): 9.10/10.00

June 2021

Marks: 976/1000

April 2019

CGPA:10/10

Skills

Programming Languages & Frameworks: C/C++, Python, JavaScript, HTML/CSS, JQuery, Node.js, PHP, MySQL, MongoDB, Java, Express.js

Tools: Git/GitHub, Sublime Text, VS Code, PyCharm/IDEA,

Skills: Competitive Programming, Data Structures, Algorithms, Web Development

Languages: English, Hindi, Telugu

Projects

The World at Your Fingertips | *React.js, News API*

June-2024

Developed a dynamic React.js website featuring a global news aggregator powered by the News API. This interactive platform delivers a comprehensive selection of news articles across various categories, including entertainment, health, and more, catering to a diverse audience.

Compass & Comfort: Find Hotels & Weather with Ease | *Node.js, Express.js, JavaScript, HTML/CSS, ReactJS, Rapid API*

May-2024

Developed a travel companion app using ReactJS and Rapid API to integrate Google Maps API and a weather API. The app allows users to search for hotels near their current location (geolocation) or by entering a specific address.

Users can filter hotels by price range and user ratings. Hotels are displayed as markers on a Google Map, with popups showcasing ratings, descriptions, and user reviews retrieved via Rapid API. Additionally, the app integrates a weather API to provide users with relevant weather information for their chosen location.

Math Solver | *C++ Object Oriented Programming*

Dec-2023

I spearheaded the development of a comprehensive mathematical toolkit, encompassing solutions for over 50 mathematical problems across various disciplines, resulting in a 40% increase in user adoption and a 25% reduction in average problem-solving time compared to existing tools.

I engineered a console-based application providing a versatile and efficient resource for mathematical tasks. It encompasses basic computations, matrix and vector operations, polynomial manipulations, complex number computations, mensuration, and equation solving, resulting in a 50% decrease in average computation time.

Coursework

Competitive Programming

- Expert on Leetcode (solved more than 180 problems, profile:[tonystark50](#)).
- Led the team which ranked 2nd in my college in the SRM coding challenge 3.0, 2024.

Proficient in Probability and Statistics, Discrete Math, Linear Algebra

Activites

Coders Club Coordinator

May. 2023 – Present

Coder's Club Coordinator from my batch, mentor for over 150+ members. Organized coding contests, bootcamps, and created several problemsets and editorials.

Class Representative

Oct. 21 – Present

Class Representative for the first year batch of 60+ students, assist faculty with coordination and feedback on courses.