Ritik Raj

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Summary

Experienced in C++ with a strong foundation in object-oriented programming principles. Skilled in both frontend (HTML/CSS/JavaScript, React) and backend (Node.js, Express) development, specializing in creating robust and scalable web applications. Proficient in implementing efficient data structures and algorithms to optimize code performance.

Projects

News Website Using React | @News2Y

- created a react news website that shows users the most recent news stories. The project places a strong emphasis on an easy-to-use interface, smooth navigation, and effective data presentation and fetching. To improve user experience, the website offers pagination, search functionality, and category filters.
- retrieved real-time news data from several sources by using the News API.

Emotion Detection Using OpenCV (C++)

- Used C++ and OpenCV to create an emotion recognition application, machine learning models called Haar Cascade classifiers were used to identify feelings like surprise, happiness, and melancholy.
- Optimized for real-time performance to analyze emotions from live video feeds.

Experience

Full Stack Development Intern | @Capabl May 2023 – September 2023

Worked as part of the front-end team, with an invaluable opportunity to enhance my skills and gain hands-on experience in developing robust and scalable web Applications.
The guidance and mentorship received from the experienced professionals at Capabl were exceptional.

Digital Marketing Intern | @ipsr solutions ltd June 2023 – July 2023

Supported online campaigns, social media management, content creation and data analytics. Gained hands-on experience with digital platforms like Google Analytics and social media tools.

Skills

FRONT END DEVELOPMENT | JavaScript, HTML, CSS, React, Bootstrap
BACKEND DEVELOPMENT | Express.js, Node.js, python, MongoDB
PROGRAMMING LANGUAGE | C++, C, Java, python
Soft Skills | Team Player, Self-motivated, Fast learner, Problem Solving

Education

JAIN (Deemed-to-be University), Bangalore
2021 – 2025
Bachelors in Engineering & Computer Science

Dony Polo Public School , Patna Bihar
2019 – 2021
Senior Secondary Class XII

Oasis Residential School , Patna Bihar
2013 – 2019
High School Class X

Extra Curriculum

1. Participated in **HoneyWell Hackathon**
2. Ranked under 3000 in All india NCAT Exam.

Coursework

Data Structure and Algorithm
Machine Learning
Mern Stack Development
Object-Oriented
Digital Marketing Strategies

Interests

Travelling and Exploring new places
Self-Improvement
Cooking