

# Rahul Panwar

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## EDUCATION

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- Indian Institute of Information Technology Design and Manufacturing** Jabalpur, India  
*Bachelor of Technology - Computer Science; CPI: 8.6/10* *Dec 2020 - May 2024*  
*Courses: Data Structures, Analysis Of Algorithms, Database Management, Operating Systems, Computer Networks, OOPs*  
*Artificial Intelligence, Machine Learning, Software Engineering, Cyber Security, Web Mining, Natural language Processing*
- 12th - Mahrishi Dayanand Public School** Jaipur, Rajasthan  
*Percentage - 80* *April 2018 - May 2019*
- 10th - DAV Public School** Jaipur, Rajasthan  
*CGPA - 9.8* *April 2016 - May 2017*

## EXPERIENCE

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- Fusion IIIT** Jabalpur, India  
*Software Developer* *Jan 2023 - Apr 2023*
  - Project Description:** Fusion is the automation (ERP) of various functionalities, modules and tasks of our institute.
  - Job Description:** Worked in the Reactjs framework for improving the user Interface of all the modules. Implemented the feature to only show the necessary module in the user dashboard.

## PROJECTS

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- FinBERT Trading** Jan 2024  
*GitHub* *Python, PyTorch, Hugging Face Transformers*
  - Enhanced FinBERT Sentiment Analysis by Achieving a 3% improvement in accuracy by applying data-augmentation through paraphrasing techniques using ChatGPT 3.5 and Pegasus.
  - Improved FinBERT's accuracy by 24%, reaching an 80% accuracy rate in Forex trading sentiment analysis, addressing the challenge of limited dataset availability.
  - Utilized Advanced Market Evaluation Techniques like Pearson correlation and Directional Accuracy for comprehensive market-related evaluations, ensuring robust sentiment analysis in Forex trading.
- Call for Proposal website** Feb 2023  
*GitHub* *ReactJS, NodeJS, Scrapy, HTML, CSS*
  - Developed a web scraping solution using Python (FastAPI, Scrapy spiders) to retrieve "call for proposal" information from Google search results.
  - Managed large volumes of data, processing over 6000 lines per cycle with Scrapy spiders, and employed advanced data filtering techniques for presenting the most recent information every time.
  - Enhanced user experience through frontend refinement with React.js and seamlessly integrated Firebase Real-time Database for efficient data handling.
- Quiz Website (Visit)** Oct 2022  
*GitHub* *ReactJS, NodeJS, MongoDB, HTML, CSS*
  - Developed an online quiz app for school students with quizzes on various subjects. Achieved score generation, difficulty level selection, and random question generation.
  - Created an intuitive and user-friendly interface, making it easy for students to navigate the application, select quizzes, and track their performance.

## SKILLS SUMMARY

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- Languages:** C++, Python, JavaScript, SQL
- Frameworks:** NodeJS, ReactJS, ExpressJS
- Tools:** Git, Postman
- Databases:** MongoDB, MySQL
- Platforms:** Windows, Linux
- Soft Skills:** Leadership, Problem Solving, Event Management, Public Speaking, Time Management

## ACHIEVEMENTS

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- Secured AIR 810 and Institute Rank 16 in CodeKaze 2023 (Certificate)
- Got Global Rank **19** on Codechef October Long challenge 2022
- Got Global Rank **201** in Codechef Starter 79
- Solved More than **1200** Questions on [GFG](#), [LeetCode](#), [Codechef](#), [Codeforces](#)
- Codechef:** 3 star - ([Profile Link](#))
- Secured Global Rank **1094** in Codeforces Round 849 Div 4
- Got **345** Rank in Codeforces Round 851 Div 3
- Got AIR - **12308** out of 900K+ participants in Jee Mains - 2020, Percentile - **98.90**

## VOLUNTEERING

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- Developed a Smart Device for Visually Impaired Pedestrians (Report)
- BitByte Programming Club Member at IIIT Jabalpur (2021-2022)