

# ROHIT VISHWAKARMA

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## Summary

To be a part of this organization where I get a chance to show my skills to contribute in the progress of this organization as well as myself.

## Projects

### Healthcare Monitoring System Using IOT with Machine Learning Approaches

Vellore Institute of Technology, Chennai

- Developed an IoT-based system with sensors (DHT11, LM35, MQ7) and Raspberry Pi for real-time patient monitoring.
- Implemented **ML algorithms** to analyze data, clean data, process data and predict health issues.
- Utilized **Blink server** for data visualization and alert systems to notify healthcare providers and patients.

### T20 world cup cricket data analytics | Python Web scrapping | Power BI

Vellore Institute of Technology, Chennai

- Created a Power BI report to identify top II players for a T20 cricket team by scraping data from espnricinfo with a Brightdata website tool, cleaning and transforming the data with pandas, and evaluating various player performance metrics.
- Used the resulting Power BI dashboard to select players for various categories (openers, middle order/anchors, finishers, all-rounders, specialist fast bowlers) and ultimately choose the top II players to play in the match.
- Selected team using the Power BI dashboard has 90% of chances to win the game.

### PowerText | React Project

<https://rvrock.github.io/powertext/>

- Developed a text processing tool with **React**, **JavaScript**, and **Bootstrap** for word/character counting, space removal, and reading time estimation.
- Deployed the website using **GitHub Pages** for easy access and distribution.

### Sales Insights - Brick & motor business | Power BI | SQL

- Designed a Power BI dashboard to understand AtliQ hardware goods sales trend.
- The final dashboard was effective at displaying the sales trend of AtliQ hardware, allowing users to understand the data and make informed decisions.
- This dashboard could help in increasing the revenue at least by 7% in the next quarter.

## Education

**MCA | Vellore Institute of Technology, Chennai**

computer science | CGPA - 7.8 | 2022 - 2024

**BCA | Vinoba Bhave University, Hazaribag**

computer science | CGPA - 7.5 | 2019 - 2022

## Technial Skills

**Programming Languages:** Python, SQL, R

**Web Technologies:** HTML, CSS, JavaScript, React

**Tools and Platforms:** Power BI, MS-Office, MS Excel, MySQL, Tableau, Pandas, Numpy

## Certifications

- Project Management Professional (PMP), Udemey
- Data Visualizations : Empowering Businnes , Tata
- Microsoft Power BI Data Analyst Professional
- ChatGPT Prompt Engineering for Developers
- Data Analytics and Visualization - Accenture

## Additional Skills

Typing speed 80 WPM, PowerPoint Presentations Skill, Data Modeling, Data Analysis, Story Telling, Graphs Dashboards, Data cleanup ,Data Interpretation , Risk Management