

Rahul Sarangi

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Profile

My unwavering passion is to infuse innovation and creativity into people's lives, whether through inventive design or solving complex challenges for businesses and individuals. My relentless determination drives me to pursue and conquer goals relentlessly. I excel in fostering positive relationships and expertly navigating differing opinions within teams or groups.

Education

- Secondary School Certificate (SSC) , Delhi Public School, Pune
January 2016 – January 2017
- Secondary School Certificate (SSC) , The Vatsalya School, Pune
January 2018 – January 2019
- Bachelor of Technology MIT ADT University, Pune
January 2019 – January 2023

Projects

- **Research and Publication, Pune**
January 2023 – May 2023
Rahul Sarangi. "Generation of Electricity-through Speed-Breaker". Volume 10 Issue 2 May 2023, Date of Publication: 25-May-2023 Paper Id:- 267073 [Pub:- IJRAR] Harnessing sustainable energy from speed breakers is crucial in our energy-demanding world. The goal is to generate electricity without fuel costs and pollution, utilizing minimal space. The energy produced can be stored in batteries and employed for various purposes. With the increasing trend in electric vehicles, this generated power can be utilized in charging stations, offering free energy for charging. Our project focuses on tapping into the wasted kinetic energy from passing vehicles through a speed breaker mechanism, converting it into electrical energy to illuminate streets and power charging stations.
- **Project: Air Quality Data Visualization Dashboard using Power BI**
Developed an interactive Power BI dashboard that analyzes real-time air quality data across various cities in India. The project integrates live data sources, presenting key air quality indicators and pollutants through dynamic charts, graphs, and maps. This solution empowers data-driven decision-making and promotes transparency, allowing users to track and act on air quality metrics effectively. Utilized Power BI for visualization and Excel for data processing, ensuring an accessible and transparent platform for enhanced accountability.

Project: Sales Dashboard for Sn Corp – Driving Growth & Profitability

Designed and developed a comprehensive sales dashboard for Sn Corp, focusing on key metrics to optimize growth and profitability. The dashboard provides real-time insights into sales performance, top markets, shipping trends, best-selling products, and customer behaviour. It also identifies regional performance and seasonal trends to guide future strategies. Key recommendations were made for expanding marketing efforts, optimizing shipping methods, innovating product categories, and improving customer retention through loyalty programs. This tool empowers data-driven decision-making, driving operational efficiency and profitability.

- Project: Sales & Performance Dashboard for Super Store – Unlocking Growth Opportunities**
 Developed a comprehensive sales dashboard for Super Store, analyzing key performance metrics to identify growth opportunities and trends. The dashboard highlights sales segments, payment methods, regional performance, top products, and shipping preferences. It tracks year-over-year growth and seasonal peaks, providing actionable insights for targeted marketing, payment optimization, and supply chain enhancements. The tool empowers strategic decision-making, fostering operational efficiency and improving customer satisfaction through personalized offers and data-driven recommendations.
- Project: "Sip Happens" – A Conceptual Digital Platform for Healthy Fruit-Based Drinks**
 This project is a mockup showcasing the design and thought process for a creative digital platform focused on healthy, fruit-based drink recipes. The envisioned website would feature unique flavor combinations, highlight the health benefits of various fruits, and foster a community of health-conscious individuals. Inspired by a passion for experimenting with fresh ingredients, the concept also incorporates a playful brand story to engage users and create a fun, approachable vibe. The goal was to create an inspiring and interactive space where people could explore nutritious drink options and connect with others who share a love for wellness and creativity.

Skills

Power BI	Data Analysis
Front End (Software Engineering)	Blockchain
Project Management	Web Design
Business Intelligence	Microsoft Excel
Design Thinking	Machine Learning
User Experience	Graphic Design

Courses

- Google Business Intelligence, Coursera
- Google Data Analytics, Coursera
- Google Project Management, Coursera
- Microsoft Power BI, Udemy
- Meta Front-End Developer, Coursera
- Google UX design, Coursera