

Vimalraj S

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Skills

Programming Languages: Java, JavaScript

Web Technologies: HTML, CSS, React, Next.js, Tailwind CSS

Database: MySQL

Tools & Technologies: VS Code, Power BI, Git, GitHub

Supply Chain basics, WMS process

Projects

Realtime Market Data App,

Web Development | NextJS, TypeScript, GCP, Firestore(NoSQL), Python

- Built a web app for 50+ global instruments, automating real-time ingestion and 1 GB+ daily storage using Python and Firestore in a scalable, fault-tolerant setup.
- Integrated with a modular **Next.js** frontend to visualize key market indicators, trends, and technical signals using reusable React components, enabling easy expansion to new markets.

[View Source Code](#) 

Covid-19 Analysis, Data Analytics | Power BI, DAX

- Built an interactive COVID-19 dashboard in **Power BI** using multiple CSV sources, dynamic slicers, and visualizations to track cases, deaths, and vaccinations by region and time.
- Created custom **DAX** measures to deliver analytical insights and highlight the pandemic's impact and progression.

[View on GitHub](#) 

T20 World Cup 2022 Analytics, Data Analysis | Power BI, DAX

- Built an ideal T20 XI using 2022 World Cup data in **Power BI**, based on batting, bowling, and all-round performance.
- Created an interactive dashboard to visualize stats and support data-driven team selection.

[View on GitHub](#) 

Education

BE. CSE, Knowledge Institute of Technology
8.10 CGPA

2020 – 2024

HSC, Jothi Vidhyalaya Matric Hr. Sec. School
75.33 %

2020

Courses and Certifications

Career Essentials in Data Analysis by Microsoft and LinkedIn: [Certificate](#) 

Programming in Java: Provided by NPTEL and scored Elite Grade - 75% - [Certificate](#) 