**MINI PROJECT REPORT**

**On**

**REAL TIME STREAMING DATA WEB DEPLOYMENT**

**A dissertation submitted to the Jawaharlal Nehru Technological University, Hyderabad, in partial fulfilment of the requirement for the award of degree of**

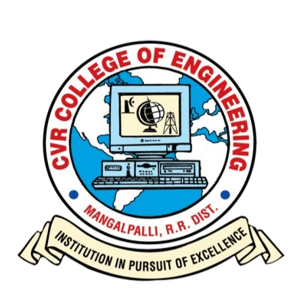
**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

*Submitted by*

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**Department of Computer Science and Engineering**

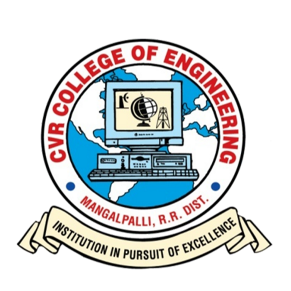
**CVR COLLEGE OF ENGINEERING**

**(An UGC Autonomous Institution, Affiliated to JNTUH, Accredited by NBA, and NAAC)**

**Vastunagar, Mangalpalli (V), Ibrahimpatnam (M), Ranga Reddy (Dist.) - 501510**

**Telangana State.**

**2023 – 2024**



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**Vastunagar, Mangalpalli (V), Ibrahimpatnam (M), Ranga Reddy (Dist.) - 501510, Telangana State.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify that the project work entitled “**Real Time Streaming Data Web Deployment**” (RTSDWD) is being submitted by Avadootha Rajesh ( 22B81A05AQ ), Sulva Sai Ram ( 22B81A05BA ), and Barishetty Durga Sai Vigneshwar ( 22B81A05Z7 )in partial fulfilment of the requirement for the award of the degree of **Bachelor of Technology in Computer Science and Engineering**, during the academic year 2023-2024.

The results embodied in this project work have not been submitted to any other University or Institute for the award of any Degree.

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| Project Supervisor  ( Mrs. M. Ratna Sirisha ) | Project coordinator  ( N. Yadagiri ) | Professor and Head, CSE  ( Dr. A . Vani Vathsala ) |

**DECLARATION**

We hereby declare that this project report titled “**Real Time Streaming Data Web Deployment**” (RTSDWD) submitted to the Department of Computer Science and Engineering, CVR College of Engineering, is a record of original work done by us. The information and data given in the report is authentic to the best of my knowledge. This RFP report is not submitted to any other university or institution for the award of any degree or diploma or published at any time before.

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| Date :  Place : | Avadootha Rajesh ( 22B81A05AQ )  Sulva Sai Ram ( 22B81A05BA )  Barishetty Durga Sai Vigneshwar ( 22B81A05Z7 ) | |
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**ABSTRACT**

This project focuses on creating a web platform that provides real-time stock price data using TradingView widgets. The primary goal is to offer users a seamless experience in monitoring live stock market movements and financial trends with minimal latency. By integrating TradingView’s advanced tools for data visualization, users are empowered to track and analyse live market data, making the platform a reliable source for investors and traders who need real-time updates.

The project’s core component, TradingView widgets, ensures that users receive high-quality visualizations of stock price changes, performance trends, and other critical financial data. These widgets provide real-time updates directly from stock exchanges, which allows users to stay informed with up-to-the-second price movements. The platform is designed to support interactive features, such as customizable charts and data filters, which help users personalize their experience and analyse specific stocks according to their investment strategies.

This web-based platform demonstrates the integration of external APIs with modern web development frameworks to display dynamic, real-time data in a user-friendly manner. The project aims to highlight the importance of real-time data streaming in today’s financial world, providing both novice and experienced investors with tools that support timely decision-making. The combination of responsive design, TradingView’s powerful widgets, and efficient data processing ensures that the platform delivers accurate, fast, and insightful stock market information.

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