

# Yashwanth Ram K.N

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📁 [github.com/Yashuram-2003](https://github.com/Yashuram-2003)

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## Objective

Eager to secure a challenging programmer role where I can utilize my technical skills in data Analysis and Machine Learning further advance my career dynamic team environment demonstrating creativity, dedication, and problem solving abilities.

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## Education

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| <b>University of Mysore, Mysuru</b><br><i>BE in Artificial Intelligence And Data Science</i><br>◦ CGPA: 8.5  | <i>2021 – 2025</i> |
| <b>Talent Composite PU College, Hunsur</b><br><i>Pre University Education</i><br>◦ Percentage: 92.83         | <i>2019 – 2021</i> |
| <b>Talent Public School, Hunsur</b><br><i>High School(SSLC) Karnataka State Board</i><br>◦ Percentage: 90.72 | <i>2009 – 2019</i> |

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## Work Experience

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| <b>Data Science Intern</b><br><i>Saint-Gobain Pvt Ltd</i> | <i>Harohalli, Bengaluru</i><br><i>Sept 2023 - Oct 2023</i> |
| <b>Data Science Intern</b><br><i>Shadowfox</i>            | <i>Oct 2024</i>  |

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## Projects

- Face Recognition Based Attendance System — K-Nearest Neighbors (KNN), Haar Cascade Classifier —**
- This project highlights the drawbacks of the traditional attendance tracking methods and the potential of Face recognition technology to revolutionize this process. This project uses Haar cascade classifier for the face detection and K-Nearest Neighbors (KNN) classifier for face recognition, making the system capable of swift and accurate identification.
  - The Face Recognition Based automated student attendance system is able to overcome the problem of the traditional attendance system and fraudulent approach and lecturers does not have to count the number of students several times to ensure the presence of the student.
- AQI Analysis — Exploratory Data Analysis (EDA), Pandas, Numpy, Scikit-Learn —**
- Conducted an in-depth analysis of Delhi's air quality using real-world AQI datasets.
  - Applied Exploratory Data Analysis (EDA) using Python (Pandas, Matplotlib, Seaborn) to examine pollutant trends, seasonal patterns, and health impacts.
  - Identified major pollutants (PM2.5, PM10, NO) and assessed their sources using correlation heatmaps and distribution plots.
  - Derived actionable insights to support urban planning and public health strategies.
  - Gained hands-on experience in data cleaning, visualization, time-series analysis, and air quality modeling.
- Stock Market Prediction — Python, Streamlit, Flask —**
- Designed and implemented a deep learning-based stock market prediction system using Long Short-Term Memory (LSTM) networks to forecast stock prices based on historical data.
  - Integrated the model into a real-time, interactive Flask web application, allowing users to input stock symbols and visualize predictions along with technical indicators like Exponential Moving Averages (EMA).
  - Utilized tools and libraries including TensorFlow, Keras, yFinance, Matplotlib, and MinMaxScaler for model development, data processing, and visualization.
  - Achieved over 89 Percentage trend accuracy, demonstrating the model's ability to capture stock price direction with

strong performance in real-world scenarios.

- Focused on usability, scalability, and accessibility, turning academic research into a practical decision-support tool for investors and learners.

## **Skills**

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**Programming Languages :** C, C++, Python, Java, HTML, CSS, Javascript

**Technologies / Frameworks :** C, C++, Java, Python, HTML, Machine Learning, Data Science, MySQL, DBMS

**Machine Learning / AI :** CNN, KNN, LLMs, Pandas, Numpy, Matplotlib

**Additional Skills :** Leadership Qualities, Time Management, Hard Working, Dedication

## **Languages**

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**English, Kannada, Hindi**

## **Achievements and Activities**

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**Rewarded LIC Student of the Year Award in the Year 2014**

**Certifications at Infosys Springboard - Infosys Limited, Mysuru.**

**Participated in RBI Quiz 2024**

**Rewarded 2nd Price in Science Quiz Competition in the Year 2018**

**Participated in onsite Basic Life support (both theory and practical) event-  
WHEN-IT-STRIKES CRISIS MANAGEMENT PVT. LTD**

**Worked as a Class Representative from 8th to 10th**