

Koyya Vishnu Vardhan



Data Scientist

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ABOUT ME

Data Analyst with a strong foundation in **Data Science, Python, Data Engineering,** and **AI/ML.** Passionate about leveraging **data-driven insights** to craft **innovative solutions** and support **strategic decision-making.** Adept at **problem-solving** with exceptional **analytical** and **quantitative skills.**

SKILLS

Data Science & Machine

Learning — Machine Learning (ML)

• • Artificial Intelligence (AI) • •
Statistical Analysis • • Python • •
OpenCV • • Scikit-learn • •
NumPy, Pandas |

AI & Computer Vision —

OpenCV • • YOLO • • Deep
Learning |

Data Analysis & Visualization —

Data Analysis • • Power BI • •
Tableau • • SQL • • MongoDB |

Data Engineering — Data

Engineering • • ETL Pipelines • •
MongoDB • • SQL • • Python • •
AWS |

Programming & Web

Technologies — Python • • Django

LANGUAGES

English | Telugu | Hindi

EDUCATION

B. Tech - Data Science

NIIT University

2020 – 2024 | Neemrana, Rajasthan

Pinegrove Junior College, MPC

2018 – 2019 | Hyderabad

Afflatus E.M Global School

2017 – 2018 | Anantapur

CERTIFICATES

R For Data Science (Powered by IBM Developer Skills Network.)

Python Programming (PCEP-30-02)

Cloud computing with AWS (Internshala)

Web Development (Udemy)

EXPERIENCE

Kazam EV Tech PVT LTD

Data Scientist

07/2024 – present | Bangalore, India

Dataphi Labs PVT LTD

Full-stack developer

01/2024 – 06/2024 | Banaglore, India

EDULYT India

Data Analyst

08/2023 – 09/2023 | Remote, India

PROJECTS

- Real-Time Object Detection with Computer Vision.
Tech: Python, OpenCV, YOLO, MongoDB Built **YOLO + OpenCV models** for **real-time object detection** via CCTV. Integrated detections into **MongoDB** for **tracking** and **operational analytics** at scale.
- Predictive Modeling for Range Estimation.
Tech: Python, Scikit-learn, Pandas, NumPy Developed **ML models** to estimate **system performance** under varying conditions. Managed **large datasets**, applied **feature engineering**, and evaluated using **MAE, R²**.
- Data Engineering & ETL Pipeline Automation.
Tech: Python, MongoDB, Pandas, ETL Scripts Designed **automated ETL pipelines** to **extract, clean,** and **transform** structured/unstructured data. Enabled **analysis-ready outputs** for **ML** and **BI workflows**.
- Interactive Dashboards & Automated Reporting.
Tech: Power BI, Python, SQL, MongoDB Built **interactive dashboards** for **business insights** and **anomaly detection**. Automated **reporting pipelines** to support internal teams and **stakeholders** with timely updates.