

SUMMARY

A data enthusiast with the passion of delivering valuable data through analytical functions and retrieval methods. Adept at collecting, analyzing and interpreting large data sets, developing new forecasting models and performing data management tasks. Having analytical skills and significant ability to work in a team environment.

EDUCATION

Birla Institute of Technology, Mesra

Integrated MSc in Mathematics and Computing
2019-2024

J.H Tarapore School

Intermediate
2019

SKILLS

- Data Visualization
- Data Analysis
- Data Mining
- Data Cleaning
- Python
- Tableau
- SQL
- Microsoft Power BI
- Financial Reporting
- MS Excel
- MS PowerPoint
- Java

Building Crypto AI Pro

Under Yashwant Sai Melpati | 2023- Present

- Crypto AI Pro is an easy-to-use mobile and web app, where the user gets the top 3 AI recommended bitcoins to invest for the day.
- Crypto AI Pro is also a community build-up app that helps users to know about their stock preferences and help them get monetized for recommending better options. he app signs up user and gives updates about the top Bitcoins of the day and preferably profitable moves of the day.
- Tech stack: Figma, Angular, Flask - python, ML, SQL The future scope involves auto-investing by feeding requirements.
- Follow this link for viewing: <https://crypto-ai-pro.web.app/>

PROFESSIONAL EXPERIENCE

Data Analytics Summer Intern'22

IIT Department Tata Steel | July 22 -Aug 22

- Key Skills: Tableau, Python, Ms Excel, Ms Powerpoint, Microsoft Power BI
- Assisted in examining information using data analysis tools so that they can help their employers make important decisions by identifying various facts and trends.
- My role involved in writing reports and present them to the management to provide new insights about new trends and areas for improvement.
- Helped in producing strategic documents for product development.

Machine Learning Research Intern

Department of Computer Science, BIT Mesra | 2022

- An integrated regression model for credit card fraud detection coping with missing value Imputation.
- Mentor: Dr. Ranjan Behera |
- Key Skills: Python, Google Colab, Random Forest, Logistic Regression, Naive Bayes, Ms Excel
- <https://github.com/Diksha-19/Credit-Card-Fraudulent-Detection>

Deep Learning Research Intern

Department of Computer Science, BIT Mesra | 2022- Current

- Designed and Developed Stock market prediction system and predicted the NIFTY 50 Index applying machine learning technique
- Mentor: Dr. Ranjan Behera |
- Key Skills: Python, Google Colab, LSTM, RNN, CNN
- <https://github.com/Diksha-19/Stock-Market-Prediction-of-NIFTY-50-Index-Applying-Machine-Learning-Techniques>
- In this paper, we offer an overview of the use of deep learning networks for the Indian National Stock Exchange time series analysis and prediction. The networks used are Recurrent Neural Network, Long Short-Term Memory Network, and Convolutional Neural Network to predict future trends of NIFTY 50 stock prices.