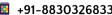


# **Abhishek Sawargave**

# Bachelor of Technology - Mining Engineering - IIT(ISM), Dhanbad

#20IE0035



**LinkedIn** 



#### **EXPERIENCE**

# **Axxela**, Mumbai — Market Analyst Intern

MAY 2023 - JULY 2023

- -Worked as a **commodity trader**.
- -Executed futures trading strategies like Spreads and ratios.
- -Incorporated approaches such as technical analysis, seasonality, and report and news driven trading sentiments.
- -Collaborated on a project to develop a comprehensive commodity market analytics dashboard.

## **The Sparks Foundation**, - Data Science Intern

- -Employed data analysis tools like NumPy, Pandas.
- -Strategically harnessed machine learning models, providing actionable insights and solutions.
- -Utilized the power of Tableau and Power BI to craft dynamic and visually engaging data representations.

#### **PROJECTS**

#### Automated Metal Surface Defect Detection Using CNN-

- Developed a deep learning model using CNN to automatically detect and classify surface defects, achieving 88.35 accuracy.
- -Implemented data preprocessing techniques, including image normalization and augmentation.
- -Utilized a comprehensive tech stack featuring TensorFlow, image processing libraries, and the RMSprop optimizer.

#### Link:

#### NLP based Stock Market Direction Predictor -

- -Developed Natural language processing-based Stock Market Direction predictor using Logistic Regression and SVM with Gaussian Kernel.
- -Used Sklearn's CountVectorizer for text feature extraction.
- -The output of the classifier is used to predict the bullish or bearish market trend. Link

#### Home Loan Wizard-

- -Designed and created web application that empowers to calculate home loan installments effortlessly.
- -Used diverse technology stack, including HTML, CSS, JavaScript, React & libraries like chart.js.
- -Deployed user-friendly interface to present loan amortization amount and installments breakdown. Link:

#### **EDUCATION**

## Indian Institute of Technology (ISM), Dhanbad

Bachelor of Technology in Mining Engineering

2020 - Present **CGPA - 8.46** 

### Sant Tukaram National Model School, Latur

12th - CBSE- 2019 - 2020 94.40%

10th - Maharashtra State Board - 2017 - 2018 97.20%

#### **SKILLS**

- **Programming Languages:** C++, C, Python, JavaScript, SQL, BigQuery.
- Frameworks & Tools: HTML, CSS, React, Power BI, Scikit-learn, TensorFlow, Git, Tableau, Excel.
- FinTech: Fundamental and Technical Analysis, Macro-Economics, Basics of Financial Accounting.
- Courses: Data Structures & Algorithm, Artificial Intelligence, Machine Learning. (Solved more than 1000+ coding questions on Various platforms).

#### **ACHIEVEMENTS**

- Achieved a top-five ranking in the Central Mine Planning & Design Institute Hackathon.
- Secured 2nd position in CaseX, Case Study Competition, organized by E-Cell IIT Dhanbad.
- Attained the National Cadet Corps B Certificate as a mark of accomplishment.
- Gold Medalist in Mathematics & Science Olympiad.
- Secured 600 rank in Codechef starters.

#### **POSITIONS OF RESPONSIBILITY**

- Successfully coordinated Ganesh Utsav at IIT ISM Dhanbad, showcasing strong organizational and leadership skills.
- Dedicatedly mentoring fellow students at FinTech Club of IIT Dhanbad in area of trading.
- Coordinated the successful execution of the Tradathon event, showing strong teamwork.

#### **EXTRACURRICULARS**

- Black Belt in Karate, Yoga and Meditation
- Reading books, Creative & Content writing