# V Abhishek

+91 9340419336 | abhishekvedula12@gmail.com | (1) V Abhishek | LinkedIn | VAbhishek12 · GitHub

## EDUCATION

**Bhilai Institute of Technology Raipur** — **Raipur, Chhattisgarh**
*BTech CSE || CGPA: 8.8/10* — *July 2019 - July 2023*

**Maharishi Vidya Mandir-1 Raipur** — **Raipur, Chhattisgarh**
*Higher Secondary |Percentage: 60%* — *July 2018 - July 2019*

## TECHNICAL SKILLS

**Languages:** Python, SQL, C
**Python Libraries:** OS, NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn,
**Tools:** PowerBI, Excel, MS Office, Jupyter Notebook, Google Colab, VS Code
**DBMS:** MySQL
**Data Analysis:** Data Preparation and Cleaning, Data Analysis, Data Visualization, Statistics, Exploratory Data Analysis (EDA), Classification and Regression Algorithm
**Version Control:** GitHub
**Soft Skills:** Problem-Solving, Quick Learning, Teamwork, Decision-Making

## WORK EXPERIENCE

### Data Scientist Intern

Ai Variant, *Remote* — *March 2024 – Present*

- Project Title: Gold Price Forecasting Model Development
- Developed a forecasting model to predict gold prices for the next 30 days, aiding gold exporting and importing companies in setting revenue expectations based on price movements.
- Collected and analyzed historical gold price data, Ensured data quality and integrity for accurate model training and validation.
- Performed comprehensive EDA to identify trends, patterns, and anomalies in gold prices, Visualized data using charts and graphs to gain insights into underlying structures.
- Developed multiple forecasting models using time series analysis techniques.
- Implemented models such as ARIMA, SARIMA, and machine learning models like LSTM.
- Evaluated model performance using key metrics such as Mean Absolute Error (MAE), Mean Squared Error (MSE), and Root Mean Squared Error (RMSE).
- Deployed the final model for real-time forecasting.
- Ensured the model was integrated into the existing business workflow for operational use.
- Link: https://github.com/VAbhishek12/GoldPricePrediction

## PROJECTS

**Prediction of Brain Tumor using Machine Learning:**

- Developed a machine learning model to predict brain tumors with high accuracy using Python, NumPy, Pandas, Matplotlib, and Seaborn.
- Gathered and processed large datasets of brain scans for training the model.
- Performed data cleaning, exploration, analysis, and visualization to extract and present actionable insights and trends to stakeholders.
- Implemented various classification algorithms and evaluated their performance to select the most effective approach.
- link: https://github.com/VAbhishek12/projects/tree/main/BrainTumor

**Startup Funding:**

- Identified and analyzed diverse startup funding sources, including bootstrapping, angel investors.
- Researched and compiled comprehensive information on the startup funding landscape.
- Showcased a strong passion for exploring and unraveling the intricacies of startup funding sources.
- link: : projects/startupprediction at main · VAbhishek12/projects · GitHub

## CERTIFICATES

- MYSQL, Paulclasses
- Preparing Data for Analysis with Microsoft Excel, Coursera
- Data Science Certification, Excelr
- SQL Intermediate, Hackerrank
- Introduction to the Python, Coding Ninjas