

# ABHISHEK PASWAN

Currently in Pune

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GitHub: <https://github.com/abhishekspaswan>

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## Professional Summary

Motivated and detail-oriented MCA in Data Science student with a foundation in data analysis, programming, and database management. Seeking an opportunity to apply analytical skills, enhance expertise in data visualization, machine learning, and business intelligence, and contribute to a dynamic team environment.

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## Education

- **Master of Computer Application (MCA), Data Science** - (Pursuing) Sri Balaji University, Pune (SBUP) | CGPA: 8.75
- **Bachelor of Computer Application (BCA)** - (2021-2024) Dr. Virambhai R. Godhaniya I.T College, Porbandar | CGPA: 8.67
- **HSC (Commerce)** - (2019-2021) Sandipani Gurukul School, Porbandar | Percentage: 57.42%
- **SSC** - (2018-2019) Saint Joseph High School, Porbandar | Percentage: 64.5%

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## Technical Skills

- **Languages:** Python, Java, SQL
- **Data Analysis & Visualization:** Pandas, NumPy, Tableau, Power BI, Matplotlib, Seaborn, Plotly
- **Databases:** MySQL, PostgreSQL
- **Machine Learning:** Scikit-learn, TensorFlow, Keras, Predictive Modeling
- **Web Technologies:** HTML, CSS, JSP, JavaScript, Bootstrap
- **BI & Other Tools:** Power Query, Google Data Studio, Excel, Pivot Tables

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## Academic Projects

- **Stock Price Forecasting Using Machine Learning**
  - Constructed a web-based system to forecast NIFTY50 stock prices utilizing yfinance data and MinMaxScaler for data normalization.

- Trained and evaluated multiple models including LSTM, GRU, RNN, CNN, and StockAugNet with TensorFlow and Keras.
- Designed and implemented a Streamlit dashboard with Plotly for interactive visualizations such as candlestick charts and error heatmaps.
- Assessed model performance using RMSE, MAE, and MAPE metrics to ensure accurate predictions.
- **Technologies:** Python, TensorFlow, Keras, Pandas, NumPy, Scikit-learn, Streamlit, Plotly, yfinance

### ➤ Airline Sentiment Analysis Using Twitter Data

- Analyzed Twitter data to classify airline-related tweets as positive, negative, or neutral using TextBlob.
- Executed data cleaning, handled missing values, and labeled sentiments based on polarity scores.
- Developed visualizations including bar charts, histograms, stacked bar charts, and word clouds to present findings.
- **Technologies:** Python, Pandas, NumPy, TextBlob, Matplotlib, Seaborn, WordCloud

### ➤ No Veggies Mobile Application

- Developed a complete eCommerce mobile application for selling fresh meat and seafood using Android Studio and Java.
- Designed a responsive and secure user interface with MySQL for user authentication and Google Volley API for network requests.
- **Technologies:** Android Studio, Java, MySQL, Google Volley API

### ➤ City Guide Porbandar Website

- Built a local directory website to connect users with various services such as salons, labs, and transportation.
- Created a dynamic user interface using CSS, Bootstrap, and JavaScript, with MySQL for backend data management.
- **Technologies:** J2EE, JSP, MySQL, CSS, Bootstrap, JavaScript

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## Certifications & Achievements

- **Certifications:** Python (Coursera), Data Warehousing (LinkedIn), Power BI (LinkedIn), Data Science Foundation (LinkedIn), Full Stack Web Development (Apna College)
- **Achievements:** 1st Place in Code Fusion (Tecno Tuner Club, SBUP); Research paper accepted for ISBM 2025 Conference, Bangkok.

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## Languages

- English
- Hindi
- Gujarati