

# Priyansh Anant Patre

Hyderabad, Telangana, India  
[priyansh.patre.official@gmail.com](mailto:priyansh.patre.official@gmail.com)  
+91 6378228792 / +91 8436968598  
[LinkedIn](#) | [GitHub](#)

## Education

- **B.Tech in Computer Science Engineering**  
CGPA: 7.77  
Vellore Institute of Technology, Bhopal  
2021-2025

## Certifications

- **Google Data Analytics**  
Google  
[View Credentials](#)  
2023-2024
- **AWS Certified Cloud Practitioner**  
Amazon Web Services  
[View Credential](#)  
2024
- **High-Performance Coding (DSA using C++)**  
Iamneo  
[View Credential](#)  
2024

## Projects

- **Localised Smart AQI & Weather Prediction Web-App**  
[GitHub](#) | [Web-app](#)  
Developed a predictive model using Facebook Prophet, achieving an impressive 80% accuracy in forecasting the Air Quality Index (AQI) and weather conditions. The project prototype involved scraping and processing weather and AQI data from various websites. This initiative aimed to provide critical environmental data in an intuitive manner, helping users make informed decisions about their health and outdoor activities.  
*Technologies: Python, Streamlit, Google Sheets.*
- **Texas Death Row Dashboard**  
[Dashboard](#)  
Created an interactive Tableau dashboard that analyzes trends related to Texas Death Row, such as execution statistics, demographic information, and case outcomes. By leveraging SQL for data extraction and manipulation, enhanced the reporting capabilities, allowing stakeholders to visualize complex data intuitively. The dashboard significantly improved decision-making processes by providing key insights into systemic issues and facilitating discussions on criminal justice reform.  
*Technologies: Tableau, SQL.*
- **King's County House Sale Dashboard**  
[Dashboard](#)  
Built a comprehensive Tableau dashboard designed to predict house sale trends in King's County Washington with more than 80% precision. This project involved extensive data analysis and visualization to highlight key factors affecting real estate prices, such as location, number of rooms, amenities and market conditions. Its user-friendly interface makes it accessible to both technical and non-technical users.  
*Technologies: Tableau, SQL.*
- **Auto Spotify Web Launcher**  
[GitHub](#)  
Designed an innovative Python-based script that automatically launches specific Spotify playlists at system startup, significantly boosting user efficiency by 80%. This tool addresses the common issue of managing and playing playlists manually, streamlining the user experience for music enthusiasts. By utilizing libraries such as PyQt5 for GUI development and BeautifulSoup for web scraping, ensured the application can dynamically update playlists based on user preferences.  
*Technologies: PyQt5, BeautifulSoup, pyautogui.*

## Skills

**Languages:** Python, C++, Java; **Databases:** SQL, BigQuery; **Visualization:** Tableau; **Cloud:** AWS (Certified)

## Volunteering

- **Core Member, PR & Outreach, AI Club**  
VIT, Bhopal  
2023-2024  
Increased event efficiency by 10% through strategic coordination and effective crowd control measures, ensuring that all logistical aspects ran smoothly and attendees had a positive experience. Conducted thorough research on potential speakers to identify individuals who would bring valuable insights and expertise to our events.  
[Tenure Certificate](#)

## Hobbies

- Programming (Python, SQL) • Reading • Photography • Multilingualism(Hindi, Marathi, English, Japanese)