

# Subal Kundu

India | [✉subalkundu3@gmail.com](mailto:subalkundu3@gmail.com) | GitHub: [subal43](#) | LinkedIn: [subal-kundu](#)

---

## Professional Summary

Entry-level **Data Science / AI & Machine Learning professional** with hands-on experience in **Python, data analysis, machine learning, and Explainable AI (SHAP)**. Skilled in building **end-to-end ML solutions**, performing EDA, and communicating actionable insights. Seeking **Data Science, AI/ML, or Junior Analyst roles** in startups or enterprises.

---

## Education

**Master of Computer Applications (MCA)** – Pursuing  
**Bachelor of Computer Applications (BCA)** – Siliguri Institute of Technology

---

## Projects

### Social Media Sentiment Analysis & Trend Prediction

- Collected and analyzed large-scale social media text data to identify **sentiment trends and public opinion patterns**.
- Performed **data cleaning, preprocessing, feature extraction, and exploratory data analysis (EDA)**.
- Built and evaluated **ML models** using accuracy, precision, recall, and F1-score.
- Generated actionable insights to support **business and marketing decisions**.

### California House Price Prediction

- Developed a **regression-based ML model** to predict housing prices.
  - Conducted **EDA, feature engineering, scaling, and model evaluation** using RMSE and  $R^2$ .
  - Applied **SHAP (Explainable AI)** to interpret predictions and identify key price drivers.
- 

## Technical Skills

- **Programming & Analysis:** Python, Pandas, NumPy, Matplotlib, SQL
- **Machine Learning:** Regression, Classification, Clustering, Model Evaluation
- **Explainable AI:** SHAP
- **Tools & Platforms:** Jupyter Notebook, Google Colab, Git, GitHub
- **Web Development Basics:** HTML, CSS, JavaScript, REST API fundamentals

- **Operating Systems:** Linux / UNIX basics
- 

## Certifications

- [The Ultimate Job Ready Data Science Course](#)
  - [Python for Data Science – IBM](#)
  - [Full Stack Web Development Certification](#)
- 

## Strengths

- Strong analytical and problem-solving skills
  - Excellent written and verbal communication
  - Quick learner with adaptability and growth mindset
  - High attention to detail and data accuracy
- 

## Availability

Immediate Joiner | Open to On-site, Hybrid, or Remote Roles

---

**Declaration:** I hereby declare that the above information is true to the best of my knowledge.