

# PRITAM KUMAR GHOSH



## CONTACT

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<https://github.com/6Pritam>

## SKILLS

- Team Leadership
- Management Skills
- Machine learning
- Data analysis
- Data visualization
- Statistical analysis
- Deep learning
- Natural language processing
- Model development
- Data preprocessing and cleaning
- Team Work
- Excel
- Advance Excel
- SQL
- Power BI
- OCR
- LSTM

## LANGUAGES

- Bengali (Proficient)
- Odia (Proficient)
- Hindi (Proficient)
- English (Advanced)

## EDUCATION

**Senior Secondary** 2022  
Tokyo Advanced Higher Secondary School, Remuna, Balasore  
CGPA: 7.89  
**Higher Secondary** 2020  
Saraswati Shishu Vidya Mandir, Bhograi, Balasore  
CGPA: 8.11  
**Bachelor of Technology** 2026  
GIET University, Gunupur  
B.Tech., CSE (Pursuing)

## PROFILE

I am a Computer Science student who loves coding and creating software that solves real-world problems. I enjoy building useful applications that meet people's needs, and I always try to learn about new technologies to improve my skills.

## WORK EXPERIENCE

**APT Software Avenues Pvt. Ltd., Kolkata, IN** MAY 2024 - JUL 2024  
Machine Learning Engineer Intern

- Developed tools for automating the training process of machine learning models.
- Evaluated model performance by creating metrics such as accuracy, precision, recall, F1 score and AUC.
- Optimized existing models to improve accuracy and reduce computational time.
- Built web applications to interact with trained models for real-time predictions.

**Rinex, Bengaluru, IN** Jan 2024 - Mar 2024  
Data Analyst Intern

- Performed exploratory data analysis on large datasets to identify patterns and trends.
- Built machine learning models for classification and regression problems.
- Created visualizations of data with Tableau, PowerBI, and R Shiny.
- Created graphs and charts detailing data analysis results.
- Cleaned and manipulated raw data.

## PROJECTS

### Information extraction from government ID card to structuring system

**Tools:** OCR, NLP, Python

**Description:** The project automates information extraction from government ID cards using OCR and NLP, converting unstructured text into structured data for accurate and efficient processing

### custom text autocomplete and suggestion system

**Tools:** LSTM, NLP, Python

**Description:** The application uses an LSTM model to predict next words from text in uploaded PDF files, providing an interactive interface for text extraction, model training, and word generation

### Weapon Detection

**Tools:** Python, Flask, OpenCV, YOLO, Twilio API, HTML, CSS, JavaScript, REST APIs, JSON

**Description:** Developed a Flask-based Criminal Detection System that uses YOLO for real-time weapon detection from live camera feed. Integrated Twilio API to send instant SMS alerts with location and timestamp. Designed a web dashboard to monitor live video feed, detection statistics, and system logs.

### Pizza Sales Dashboard using SQL & Power BI

**Tools:** SQL, Power Query, Power BI, Functions & DAX

**Description:** Designed and developed an interactive Pizza Sales Dashboard to analyze business performance. Implemented SQL queries and Power Query for data cleaning, aggregation, and KPI generation (Total Revenue, Average Order Value, Total Pizzas Sold, etc.). Built insightful Power BI visualizations to track sales trends, pizza category performance, and top/bottom selling products.