

# VIKRANTA DUTTA

Kolkata, West Bengal

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## Summary

A result-oriented tech-driven problem solver with a passion for innovation and a proven ability to lead teams, manage projects, and deliver results before deadlines. Highly adaptable, a fast learner, and committed to continuous growth—blending strategic vision with hands-on execution to drive engineering excellence.

## Education

### Calcutta University

Bachelors of Science in Physics

2024

Kolkata, West Bengal

### Chandigarh University

Master of Computer Applications

2026

Mohali, Punjab

## Projects

### Interactive Sales Analytics Dashboard | Python, Pandas, and Streamlit

- Built an interactive sales dashboard using Python, Pandas, and Streamlit to analyze and visualize regional and product-wise performance.
- Performed data cleaning and analysis with Pandas and created charts/graphs using Matplotlib.
- Integrated forecasting with Linear Regression (Scikit-learn) to predict future sales trends.
- Gained hands-on experience with file handling, data manipulation, and user-centric automation logic.

### AI Mental Health Sentiment Analysis App | NLP (TextBlob/VADER)

- Developed an AI-powered web application using Python, Flask, and NLP (TextBlob/VADER) to classify user text as Positive, Negative, or Neutral.
- Implemented data visualization with Matplotlib/Plotly for mood trend tracking.
- Designed a responsive frontend using HTML, CSS, and Bootstrap for cross-device compatibility.

## Skills

**Languages:** C++, Python, JavaScript

**Databases:** MySQL, MongoDB

**Frameworks:** React, Node.js, Express.js, Bootstrap

**Intrapersonal:** Communication Skills (Verbal Written), Team Collaboration, Problem-Solving, Emotional Intelligence, Adaptability

## CERTIFICATIONS

- Deloitte Australia Technology Job Simulation – Forage (July 2025) Completed a job simulation involving development and coding. Wrote a proposal for creating a dashboard.
- Deloitte Australia Cyber Job Simulation – Forage (August 2025) Completed a job simulation involving analysis of web activity logs. Supported a client during a cyber security breach. Identified suspicious user activity through log analysis.
- Deloitte Australia Data Analytics Job Simulation on Forage - September 2025 Completed a Deloitte job simulation involving data analysis and forensic technology. Created a data dashboard using Tableau. Used Excel to classify data and draw business conclusions.
- Figma: Teams, Stakeholders, and Design Reviews – LinkedIn Learning Developed skills in collaborative UI/UX design, stakeholder communication, and conducting effective design reviews using Figma's features and workflows.

## Relevant Experience

### Class Representative- UIC

September 2024 - May 2025

Chandigarh University

- Served as Class Representative for two consecutive terms. Handled coordination, conflict resolution, and represented student concerns effectively.