

# Soumyadeep Karmakar

Bishnupur, Bankura, West Bengal, India

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📁 PORTFOLIO PAGE: <https://soumyadeepkarmakar99.github.io/>

## Summary

As a recent graduate in Computer Science Engineering, driven with a strong IT background, want to kick-start my career at a organization and contribute to innovative projects development initiatives & a part of a organization's growth. Eager to leverage my proficiency in Data Analytics and Software Development to craft solutions and contribute to digital innovation.

## Education

- **Bachelor of Technology in Computer Science & Engineering** 8/2024  
Mallabhum Institute of Technology | Bishnupur, West Bengal  
Pursuing with average 74.98% marks, GPA of 8.25 up to 7<sup>th</sup> sem.
- **Diploma Engineering in Electronics & Tele-Communication** 8/2021  
K.G Engineering Institute | Bishnupur, Bankura, West Bengal  
Qualified by securing 86.6% marks, GPA 9.0.
- **Higher Secondary Examination** 5/2017  
West Bengal Board of Higher Secondary Education | West Bengal  
Qualified by securing 75.2% marks.
- **Secondary Examination** 5/2015  
West Bengal Board of Secondary Education | West Bengal  
Qualified by securing 81% marks.

## Technical Skills

- **Programming Languages** : C , C++, HTML , CSS, Python .
- **Tech Stack** : NumPy, Pandas, Matplotlib, Jupyter Notebook, Version Control, Git, GitHub.
- **Databases** : MySQL.
- **Tools & Software** : Word, Power Point, Excel .
- **Operating System** : Android, Windows 10/11.

## Projects

- **Data Analysis of Ecommerce Database Using Python**  
**Key Technologies** : Python, MySQL, NumPy, Pandas, Matplotlib
  - Utilized Python and MySQL to conduct comprehensive data analysis of an e-commerce database.
  - Employed Python libraries such as Pandas, NumPy, and Matplotlib for data manipulation, analysis, and create 20+ charts for better visualization.
  - Extracted relevant data from the MySQL database using SQL queries.
  - Conducted exploratory data analysis (EDA) to gain insights into customer behaviour, product trends, and sales performance.
  - Based on the findings optimize business strategies and improve overall performance.
    - **Project link:** [https://github.com/SoumyadeepKarmakar99/Ecommerce\\_Data\\_Analysis-.git](https://github.com/SoumyadeepKarmakar99/Ecommerce_Data_Analysis-.git)
- **Data Visualization of Sales & Trends of Coffee Shop Using Excel**
  - This project focuses on developing a Quantitative analysis of sales of Coffee Shop Over the Time using Microsoft Excel's Power Query and Power Pivot tool and created a Interactive Dashboard.
  - **"Total Sales of each Product category", "Quantity Orders base on Hours", "Top 5 Best Selling Product", "Foot-fall on each Store Location"** on the Dashboard. Which can save time & give a clear idea of how the market is going. It will help the shops to grow their business and Improve sales.
    - **Project link:** <https://github.com/SoumyadeepKarmakar99/Coffe-Shop-sales>

- **Hosted A Static Portfolio Website**
  - Developed a responsive Website for portfolio using HTML, CSS & JavaScript with several transition animation & hosted it on GitHub to get a overview Web Development skill.
    - **Page link:** <https://soumyadeepkarmakar99.github.io/>
    - **Source Code:** <https://github.com/SoumyadeepKarmakar99/SoumyadeepKarmakar99.github.io.git>

## Certifications

- **Data Visualization Certificate.**
- **7 Days Boot Camp for Basics of Web Development.**
- **Certificate Course in Information Technology Application.**

## Experience

- Knowledge of 3+ Libraries of python to Analyse Data of Datasets and Databases.
- Skilled in Git, GitHub, and adept at repository management, branching, merging, and user group permissions.
- Proficiency in SQL commands for CRUD operations in Databases.

## Soft Skills

- Good Analytical Skill & Critical Thinking ability.
- Self-motivated and hard working.
- Good oral and Written communication skills.

## Languages

- English
- Hindi
- Bengali

## Declaration

Hereby declare that above mentioned information are true best on my knowledge.