

BIKRAM ROY

LinkedIn: [Bikram Roy](#) (link) GitHub: [roybikram1411](#) (link)
Mobile: 9609218475 Email: roybikram1411@gmail.com

EDUCATION

Vidyasagar University *Midnapore, West Bengal*
MCA - Master of Computer Application Aug 2023 – Present **SGPA: 9.67**
University of Calcutta (Fakir Chand College) *Diamond Harbour, West Bengal*
BSc Computer Science (Hons.) Aug 2019 – Sep 2022 **CGPA: 8.59**

SKILLS SUMMARY

- **Programming Languages:** Java, Python, SQL
 - **Libraries:** Pandas, Numpy, Matplotlib, Scikit-Learn
 - **Web Frameworks:** Django, Streamlit, Flask
 - **Data Analysis Tools:** PowerBI, Excel, Tableau, MySQL
 - **Platforms:** Jupyter Notebook, Visual Studio Code
 - **Soft Skills:** UI/UX Design, Strong Reasoning Ability, People Management, Communication
-

PROJECTS

GDP Analysis

"Unlocking Economic Insights: An In-Depth Analysis of GDP Trends and Growth Patterns"
Utilized Python and libraries such as Pandas and Matplotlib to analyze and visualize GDP data, identifying key trends and patterns that define the economic health of various nations.

COVID-19 Analysis and Dashboard

"Visualizing the Pandemic: A Comprehensive COVID-19 Data Analysis and Dashboard"
Developed a comprehensive dashboard using Tableau to track and visualize the progression and impact of COVID-19 across different regions, leveraging datasets from public health sources.

Coffee Shop Sales Analysis

"Starbucks Sales: Unveiling Coffee Shop Sales Trends with Excel Analysis"
Conducted an in-depth analysis of coffee shop sales data using Excel, identifying trends, seasonal patterns, and customer preferences to drive revenue insights for a retail business.

GST Bill Generation

"Streamlining Finance: Automated GST Bill Generation with Django"
Created an automated system for generating GST-compliant bills using Django, simplifying the billing process for businesses and ensuring accurate tax calculations and professional invoice templates.

Predicting Solar Irradiance

"Harnessing the Power of the Sun: Predicting Solar Irradiance with Machine Learning"
Implemented machine learning models to forecast solar irradiance, optimizing solar power generation with high precision, using Python and libraries such as Scikit-Learn.

CERTIFICATES & ACTIVITIES

Technova:

Technical Head, Annual Techfest, Dept. of Computer Science, Fakir Chand College

- Led the technical team in organizing events and workshops.
- Managed a team of 10 members, ensuring smooth execution of all technical activities.
- Coordinated with sponsors and participants to enhance the event's reach and impact.

CCC-Course On Computer Concept :

IT literacy program by Ministry of Electronics & Information Technology