

# BIKRAM ROY

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## 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

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## SKILLS SUMMARY

- **Programming Languages:** Java , Python
  - **scripting language :** PHP, HTML, CSS, jQuery, and JavaScript.
  - **Libraries:** Pandas, Numpy, Matplotlib, Scikit-Learn , React JS
  - **Web Frameworks:** Django, Streamlit, Flask , Bootstrap , Tailwind CSS , Node JS
  - **DataBase :** Mysql , SqlLite , MongoDB
  - **Tools:** PowerBI, Excel, Tableau , Git & Github
  - **Platforms:** Jupyter Notebook, Visual Studio Code
  - **Soft Skills:** UI/UX Design, Strong Reasoning Ability, People Management, Communication
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## PROJECTS

### House Kitchen – A Online Food Delivery Website

Created an advanced online food delivery system using the MERN stack, which incorporates MongoDB for data storage, Express.js for server-side logic, React for responsive user interfaces, and Node.js for backend operations. Engineered intuitive interfaces, integrated secure payment gateways, and prioritized scalability and speed

### House Truck – A Courier Transportation Service

This project uses HTML, CSS, PHP, and MySQL to manage courier services. It features user registration, real-time tracking, and admin controls for efficient operations. Customers can book, track shipments. Future enhancements may include mobile integration and GPS tracking for expanded functionality.

### House Track – An Inventory Management System

Developed a comprehensive inventory management system using HTML, CSS, PHP, and MySQL. Backend functionalities to handle inventory tracking, updates, and reporting. Designed responsive layouts to ensure accessibility across devices. Optimized database queries for efficient data retrieval and management.

### House Bill - 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.

### House Of Attendance – A Online Faculty and Student Attendance Portal

Crafted a dynamic online student attendance portal leveraging HTML, CSS, and PHP. Employed PHP to orchestrate robust backend operations, prioritizing data security and updates. The solution revolutionized attendance management in educational settings, streamlining processes and promoting accountability

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## CERTIFICATES & ACTIVITIES

### Technova:

Technical Head, Annual Techfest, Dept. of Computer Science, Fakir Chand College  
Led the technical team in organizing events and workshops.

### CCC-Course On Computer Concept :

IT literacy program by Ministry of Electronics & Information Technology