

Swagata Dey

BCA, MCA

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CAREER OBJECTIVES:

A passionate and motivated individual seeking an opportunity as a Teaching Professor at a reputed university, where I can inspire young minds, contribute to academic excellence, and continuously grow in the field of education. Eager to bring fresh energy, updated subject knowledge, and a student-focused approach to foster a creative and engaging learning environment.

ACADEMICS:

EDUCATION	BOARD	INSTITUTE	PASSOUT YEAR	MARKS (%)
PG(MCA)	Brainware University	Brainware University	2025	94.52
UG(BCA)	Brainware University	Brainware University	2023	93.86
HS	WBCHSE	Barasat Girls High School	2020	76.4
Secondary	WBBSE	Barasat Girls High School	2018	56.0

SKILLS:

- Data structure & algorithm
- Web development (HTML, CSS, JS)
- Programming Languages (C, JAVA, PYTHON)
- DBMS
- AI & ML
- MS-Office
- Classroom Management
- Student Mentoring
- Team Collaboration
- Effective Communication
- Event management

STUDY PROJECTS:

➤ Project Title: Tri-Media Sentiment Analysis (BCA)

Analysed and classified sentiments from YouTube, Facebook, and Twitter using NLP and ML techniques.

Tech: Python, NLP, SVM, Random Forest, Logistic Regression

Outcome: Achieved highest accuracy on Twitter

➤ Project Title: Leveraging Machine Learning for Personalized Career Guidance (MCA)

Developed a machine learning model to predict suitable career paths based on individual skills, interests, and preferences. Applied algorithms such as Decision Trees, Random Forest, SVM, Logistic Regression, LightGBM, and CatBoost.

Tech: Python, Scikit-learn, Pandas, Matplotlib, Google Colab

HOBBIES:

- Reading book
- Drawing,
- Art & Craft

EXTRA CURRICULAR ACTIVITIES:

Home Tutor: 2021-2025

Provided personalized tutoring for students in various subjects, fostering academic growth and critical thinking skills outside of the standard curriculum.

WORK EXPERIENCES:

Technical Assistant — Brainware University

June 2025 – Present

- Assisted in conducting laboratory sessions for undergraduate students.
- Managed equipment setup, maintenance, and safety compliance.
- Supported faculty with experiment demonstration and student guidance.

DECLARATION:

I hereby declare that the above information is true to the best of my knowledge.

Place: Barasat

Date: 19th, November 2025


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