



# NILABJA ROY

## Career Objective

### My Contact

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📍 Serampore, Hooghly, West Bengal

🌐 24.04.2001

### Skills

- JAVA
- PYTHON
- DATA STRUCTURES AND ALGORITHMS
- SQL
- HTML5
- MICROSOFT OFFICE

### Personal Traits

- Analytical ability to think logically and rationally.
- Good Communication skills.
- Diligent and Hard Working, especially as a team member.

### Education Background

- **Academy of Technology**  
Master of Computer Application (MCA)  
Started in 2022
- **B.P. Poddar Institute of Management and Technology**  
Bachelor's Of Computer Application (BCA)  
Completed in 2022,
- **Patha Bhavan Dankuni**  
• Higher Secondary • Secondary  
Completed in 2019 Completed in 2017

### Achivements

- 1.) Silver Medelist on District Level Swimming
- 2.) Bronze Medelist on ABACUS SIP

### About Me

A very keen learner and motivated problem solver looking forward to build a career with an organization which will help me to explore my potential and develop my skillsets.

### Internship and Trainings

#### AI Data Science and Machine Learning with Python

at ARDENT COMPUTECH PVT. LTD, (2021-2022)

#### Analysing and Visualizing the Database Model

- Certification and Project letter verified.
- Future Scope - Learn how to efficiently analyze and visualize datasets using matplotlib and seaborn, harnessing diverse plot types such as bar plots, line plots, bar charts, and pie charts.

### Projects

#### 1. Mastering Python by Building Real World Application for Desktop

*Real-World applications hold the potential to shape the future, enhance efficiency, and improve lives on a global scale.*

1. YouTube Downloader App
2. Personal Internet-Speed Test App
3. Google Search Results
4. Text to Speech Converter
5. GIF Maker
6. ImageToPdf Converter,
7. Screenshot Taker,
8. QR code generator

#### 2. Chess Match Prediction : ML MODEL By supervised learning approach

- 1) Initial steps involve dataset handling, missing value detection, and data description.
- 2) Machine Learning steps involve pre-processing, scaling, normalization, and standardization.
- 3) Data visualization follows with matplotlib and seaborn, analysing winning advantages through histograms and opening plays via line and scatter plots.
- 4) Prediction accuracy is evaluated using Decision Trees and Random Forest classification algorithms.

### Courses and Certifications

- A Blogging Website using Django at ARDENT COMPUTECH .