# KRISHNENDU NANDY

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## EDUCATION

**Bachelors of Technology**                                                     Kolkata, West Bengal
*Techno Main Salt Lake, Electronics and Communication Engineering*                        *2021 – 2025*
Cumulative GPA: 7.67/10 (Up to 6th Semester)

**Higher Secondary School**                                                      Barasat, West Bengal
*Kalyani Public School, Science Stream*                                                    *2019 – 2021*
Aggregate Percentage: 82.8%

**Secondary School**                                                            Barasat, West Bengal
*The Central Modern School*                                                                *2018 – 2019*
Aggregate Percentage: 85.6%

## PROJECTS

**HotelHub (C++)**                                                                   06/24 – 07/24
*A dynamic hotel management system utilizing C++*
  - Designed Hotel Hub for a seamless cross-platform experience.
  - Optimized the code to include reservation management, customer check-in/check-out, room availability tracking, and billing automation.
  - Ensures compatibility across operating systems for deployment on different platforms.

**IOT-based Smart Parking System**                                                  02/24 – 04/24
*An Efficient Smart Parking system utilizing NodeMCU*
  - The system uses a NodeMCU(ESP8266) to upload parking space data from IR sensors to the Firebase.
  - A servo motor is used as the gate and efficient control logic is implemented to ensure that a car at the entry gate is guided to the nearest available parking space using LED's.
  - The user can monitor the parking space data on a web application in real time.

## SKILLS

**Programming Languages:** Python, C++, Bash
**Operating Systems:** Kali Linux, Windows (8/10/11)
**Computer Networking:** TCP/IP, OSI, VPN, DHCP, DNS, Active Directory
**Soft Skills:** Problem Solving, Attention to Detail, Communication, Analytical Thinking, Collaboration, Adaptability

## CERTIFICATES

**Tata Cybersecurity Security Analyst Job Simulation – Forage**                               09/24

  * Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
  * Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
  * Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

**Mastercard Cybersecurity virtual experience program – Forage**                             08/24

  * Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
  * Helped identify and report security threats such as phishing
  * Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

**Cybersecurity Fundamentals – IBM**                                                          07/24

  * Learned about attack Frameworks, Data Breaches, Phishing, Threat Intelligence

## ACHIEVEMENTS

Convenor of College Club 'CHEERIO' (2024) - Organized the Cultural Fest and managed a team of 100 members.

## INTERESTS

Sports: Keen interest in sports, with a background in representing my club in football.