

# ADITI BARDHAN

 bardhanaditi11 |  aditi-bardhan |  Kolkata |  bardhanaditi11@gmail.com |  9830920966

## SUMMARY

---

MSc Cybersecurity ( 3rd Semester ) student at NFSU (NIELIT, Kolkata) with a B.E. in Electronics and Telecommunication looking for software development roles.

## WORK EXPERIENCE

---

**Instructor at Kendriya Vidyalaya (Salt Lake)** 2024

Lead a training program on Artificial Intelligence and Machine Learning using Python

**Intern at Bhargawa Info Tech Solutions Pvt Ltd,Bangalore** Sep 2023 - Nov 2023

**Project: Air Canvas-A Virtual Pen**

Used computer vision techniques to develop an interactive canvas that detects hand gestures and converts them into commands for drawing and erasing.

## PROJECTS

---

**Web Application Firewall** 2025

95.8% detection accuracy achieved by developing a hybrid Web Application Firewall combining regex-based filtering and machine-learning (Multinomial Naive Bayes) for XSS URL detection.

**Machine Learning based Spectrum Utilization in Cognitive Radio Networks** 2024

Utilized MATLAB and Excel to process 5G spectrum data, design executable database schemas, and apply a Random Forest algorithm to detect occupied and unoccupied channels for optimized spectrum utilization

## SKILLS

---

Technical Skills C , MySQL, HTML, CSS, Javascript, ReactJS Python, PHP, Wireshark, Cisco packet tracer , Linux terminal , Orcad / PSpice, Matlab/Simulink , ANSYS Workbench , Qual-NET , Optiwave OptiSystem,

Soft Skills Adaptability , Teamwork , Multitasking, Leadership

## EDUCATION

---

2024 - present	MSc (Cybersecurity) at <b>National Forensic Sciences University</b>	(GPA: 7.75/10)
2020 - 2024	B.E in Electronics and Telecomm. at <b>R.V.C.E,Bangalore</b>	(GPA: 7.44/10)
2018	Class 12th CBSE	(84.6%)
2016	Class 10th CBSE	(93%)

## ACHIEVEMENTS

---

**International Space Settlement Design Competition,NASA** 2017

Member of Runners-up team