

# Aditya Das

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## EXPERIENCE

### INLIGHN TECH | CYBER SECURITY INTERN

Mar 2025 – Sep 2025

- Experience & Conducted VAPT (DAST/SAST) on 10+ web/mobile apps using SonarQube & MobSF; delivered security reports with risk mitigations.
- Bypassed WAFs using curl and root detection via Frida, Objection;
- Applied NIST CSF, MITRE ATT&CK, and OWASP Top 10 across Kali Linux, & Ubuntu environments.
- Integrated Docker security scanning with Trivy for containerized applications.
- Built offensive security tools in Python: SSH Botnet, Reverse Shell, FTP/SSH Crackers, PDF Tools, Scanners, and more.

### KERASNLP | PROJECT MAINTAINER & CONTRIBUTOR

Aug 2022 – Mar 2023

- Updated model and file names, including DistilBert and GPT2 ? GPT2Backbone.
- Addressed CSPDarkNet weight compatibility for specific depth and width multipliers.
- Contributed to new model additions, including FNetClassifier and DistilBertMaskedLM.
- Implemented Longformer model.

## PROJECTS

### BCA[H] ACADEMIC PROJECT | ML HEART DISEASE PREDICTION

- Developed a machine learning-based predictive system for heart disease risk classification using KNN and Random Forest, achieving 73% accuracy.
- Deployed the model using Python Flask and performed testing with Pytest.

### MTECH [CSE] ACADEMIC PROJECT | IMPLEMENT

CRYPTOGRAPHY ALGORITHM WITH SESSION KEY

- Developed and implemented the Cryptography Algorithm with a 128-bit Session Key for secure data encryption and decryption.
- Designed based on the perfect chi-square range and degree of freedom, achieving a 15/15 passing rate in NIST tests.

## EDUCATION

### • M.TECH (CSE)

STGRADUATE, (EXPECTED)  
SEPTEMBER 2025,  
Kalyani University

### • MCA(MASTER OF COMPUTER APPLICATION)

POSTGRADUATE, AUGUST 2022,  
Vidyasagar University  
locationCGPA: 8.9

### • BCA(BACHELOR OF COMPUTER APPLICATION)

GRADUATED, SEPTEMBER 2020  
Burdwan Raj College  
locationCGPA: 7.7

## SKILLS

### PROGRAMMING

- Python • C++ • Java • Bash scripting (Backend)

### TECHNOLOGY

- GCP • AWS • Git • GitHub • Git-Lab • Django • Flask • Docker • PHP • Linux (Ubuntu) • Windows • Kali Linux • MySQL • MongoDB

## LANGUAGES

- Fluent in English, Hindi

## EXTRACURRICULAR

- 1st Place – Hashnode Blogathon Grand Winner (\$150) (2023)
- Ideathon Winner – Built AI Fresh Food Detector (2022)
- 60-Hour In-Person Hackathon Finalist (2024)
- Microsoft Azure Fundamentals (AZ-900) Certified (2023)