PARTHIB GHOSH

ASPIRING SECURITY RESEARCHER | PASSIONATE ABOUT
DEFENSIVE SECURITY & NETWORK FORENSICS

EXPERIENCE

- **CYBER SECURITY INTERN**
  CSRBOX | IBM SKILLSBUILD
  DEC 2024 – JAN 2025

- **ARTIFICIAL INTELLIGENCE INTERN**
  EDUNET | IBM SKILLSBUILD
  JUN 2025 – AUG 2025

EDUCATION

- Diploma in Computer Science and Technology from APCRP (OGPA 9.5) {Aug 2023 – Jun 2026}
- Senior Secondary from NIOS {Jun 2025}
- Secondary Examination from WBBSE {Jun 2023}

PROJECTS

- Comparative Statistical Analysis of Network Packet Sniffer Web Application with basic Anomaly Detection using SCAPY, PYSHARK and TSHARK. {May 2025 – Sep 2025} (Ongoing Research Project)

- Swarm Intelligence Based Intrusion Detection and Prevention System with Machine Learning based Anomaly Detection using Zeek IDS with Blockchain Development {Oct 2025 – Jun 2026} (Ongoing Research Project)

ACHIEVEMENTS

- Secured General Merit Rank 110 in the West Bengal Joint Entrance Examination of Polytechnic (WB JEXPO) {Jul 2023}

EXTRA-CURRICULAR ACTIVITIES

- Placement Representative (PR) of the Department of Computer Science and Technology {Jun 2025 – Jun 2026}

- Light Brown Belt in Goju-Ryu Karate Do-Federation {Feb 2017 – Feb 2020}

- Story Writer in "PRATILIPI" {Nov 2024 – Present}
  Readers: 3.2K, Average Rating: 4.8/5, Followers: 33, Reviews: 53

CONTACT

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Website: parthib2006.github.io
Hometown: Belgharia, Kolkata, West Bengal.

DOB: 20/06/2006

OBJECTIVE

Passionate and self-driven learner in the field of cybersecurity, seeking opportunities to apply defensive security principles through hands-on research and real-world projects. Actively working on open-source security tools and network security projects with a focus on intrusion detection, packet analysis, and ethical response frameworks. Eager to contribute and grow as a security analyst, with a long-term vision of becoming a cybersecurity researcher.

ABOUT ME

I am a resilient and curious individual with a strong interest in digital forensics, network security, and ethical hacking. With a background in computer science and hands-on experience in building security tools, I combine a calm mindset with strong self-learning abilities. I value integrity, purpose-driven work, and aspire to contribute to cybersecurity research that protects real-world systems from threats.

SKILLS

Cybersecurity
- Basic Network Security
- Packet Sniffing & Analysis

Programming & Tools
- Python, C++, JAVA
- Wireshark GUI, Scapy, Pyshark, Tshark.

Soft Skills
- Self-Motivated Learner
- Empathetic Communicator
- Growth-Focused Mindset