

# Aryan Tiwari

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## Profile

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Motivated **IT undergraduate** specializing in **Cybersecurity and Blockchain**, with a strong foundation in web development and decentralized applications. Passionate about secure systems, continuous learning, and applying technical knowledge to real-world problems.

## Education

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- **Bachelor of Computer Applications (Cybersecurity & Forensics)**  
Babu Banarsi Das University, Lucknow
- **Intermediate (PCB, UP BOARD)**  
>SRI R LS S S I C NAKAHARA KHANDEV

## Technical Skills

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- HTML
- CSS
- JavaScript
- ReactJS
- Python

## Work Experience

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- Research Assistant**, University of Engineering & Management (UEM), Kolkata Oct 2025 – Nov 2025
- Collaborated under **Prof. Dr. Mohuya Chakraborty** and **Prof. Sudip Kumar Palit**.
  - Developed a decentralized application (DApp) for **secure authentication and communication** in the **Internet of Production (IoP)**.

## Projects

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- Amazon Clone – E-Commerce Web Application** Amazon Clone
- Developed a responsive e-commerce web application featuring product browsing, shopping cart functionality, and secure checkout, replicating core Amazon features.
  - Implemented client-side validation and dynamic UI updates for smooth user experience.
  - **Technologies:** HTML, CSS, JavaScript

- Network Traffic Analysis – Cybersecurity Project** Network Traffic Analysis
- Captured and analyzed network traffic to detect unusual patterns, malware, and potential attacks.
  - Gained hands-on experience in packet sniffing, traffic inspection, and threat detection.
  - **Tools/Technologies:** Wireshark, tcpdump, Snort

## Certifications

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- **CyberSecurity / Forensics** — IBM
- **Data Privacy Fundamentals** — IBM
- **Cloud Security** — IBM
- **Identity / Access Management** — IBM
- **Python for Data Science** — IBM