

Sudipta Biswas

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EDUCATION

Year	Degree	Institute	CGPA/%
2021 - 2024	B. Sc in Information Technology (Cyber Security)	West Bengal University of Technology (MAKAUT WB)	9.02 CGPA
2021	12 th WBCHSE	Gurdah Rishi Aurovinda Vidyaniketan	70%
2019	10 th WBBSE	Gurdah Rishi Aurovinda Vidyaniketan	73%

INTERNSHIPS AND WORK EXPERIENCE

- **Cyber Security Intern, Code Alpha.** *(Sept 2023 - Oct 2023)*
 - Implement **password strength** testing
 - Build **integrity checker**
 - Made non **hash** password cracker tool
 - Developed an optimized **password cracker** tool
- **Web Development Intern, Code Alpha.** *(July 2023 - August 2023)*
 - Built multi page survey form having required no data loss between each page navigation, save the user response into a database. Prevented **SQL** injection attack using sanitized user input on server side using **PHP**.
 - Integrated google recaptcha **API** with an existing website to prevent malicious **HTTP POST** requests.
- **Web Research Freelancer, Fiverr** *(November 2021 - Present)*
 - Earned 20+ positive reviews from international clients.
 - Completed more than 20 projects.

PROJECTS

- **Blue Security**
 - The lightweight web application is developed using **HTML**, **CSS**, and **PHP**.
 - Applied HTML, CSS to design frontend, **JavaScript** for validation, **PHP** to connect with database. Used **mySQL** for the database.
 - Integrated google recaptcha **API**
- **Portfolio**
 - Designed a **RESPONSIVE** portfolio Website to showcase my work experience.
 - Used **HTML**, **CSS**, **JS**, **BOOTSTRAP** to built.

TECHNICAL SKILLS

- **Programming:** C, Python
- **Operating System:** Linux, Windows, CentOS
- **Scripting:** JavaScript, PHP, BASH, Python
- **Database:** mySQL, MariaDB, MongoDB, noSQL
- **Cloud:** AWS, Azure
- **Hypervisor:** Proxmox VE, Hyper-V, VmWare ESXI
- **Admin:** Linux System
- **Security Testing:** Nmap, Wireshark, Burp, ZAP, Nessus, metasploit, gobuster, wfuzz, sqlmap etc.
- **Digital Forensic:** Autopsy, Dumpit, FTK imager, exiftool, binwalk, AVML etc.
- **Defence:** Firewall, IDS/IPS
- **Miscellaneous:** CTF, Cryptography, OSINT, Stenography, Boot to Root Machines.