

# Aniket Sinha

aniketsinhadhn@gmail.com | +917292972739

## OBJECTIVE

A **Security trainee** and **software engineer** with practical experience in **SCADA systems** and **full-stack development**. Ready to elevate **cybersecurity** in innovative projects.

## EDUCATION

### ASANSOL ENGINEERING COLLEGE

**B.TECH IN COMPUTER SCIENCE**  
July 2023 | Asansol, West Bengal  
GPA: 8.7

## LINKS

LinkedIn: **aniketsinha03**  
Github: **sageaniket**  
tryhackme: **Skykai**  
HackerRank: **Aniket**

## SKILLS

### TECHNICAL SKILLS

Languages:

• C • C++ • JAVASCRIPT • HTML • CSS

Security:

• VAPT • Red Teaming • OWASP 10  
• Network Security • Linux

### TOOLS/APPLICATIONS

• Burpsuite • Wireshark • Hydra • Nmap  
• Metasploit • Visual Studio

### RELEVANT COURSEWORK

• Operating system • DBMS • OOPS  
• Networking • MYSQL

## ACHIEVEMENT

- Actively engage in **part-time** Capture The Flag challenges (CTF) on various platforms.
- Conduct **training sessions** in colleges, empowering students with essential **cybersecurity** skills.
- Providing focused training on **Palo Alto Network firewall configuration**.
- Contribute as a **committed member** of the college fest, ensuring successful planning and execution of engaging events.

## EXPERIENCE

### CYBER HEALS | CYBERSECURITY TRAINEE

Feb 2024 – present | Chennai, Tamil Nadu

- Enumerating web applications and precisely identifying their versions to enhance security assessments.
- Conduct web application VAPT using industry-standard tools like BurpSuite and SQLmap across different engagements while adhering to OWASP's top 10 standards.
- Consistently demonstrated proficiency in analyzing intricate security issues and formulated impactful mitigation strategies throughout all security assessments.

### HAMILTON RESEARCH AND TECHNOLOGY | SOFTWARE DEVELOPER

Mar 2023 – Jan 2024 | Kolkata, West Bengal

- Worked on SCADA software that manages and monitors industrial processes, infrastructure, and facilities and provides real-time control, data acquisition, and visualization.
- Worked on both backend (Node.js and Express.js) and frontend (React.js) with a focus on diverse tasks such as API handling, data fetching, and displaying content on the frontend.
- Managing APIs to ensure smooth communication between the backend and frontend, enhancing overall functionality.
- Thoroughly tested projects by intercepting requests and responses, ensuring the reliability and efficiency of the developed applications.

### PERSISTENT SYSTEMS | SOFTWARE DEVELOPER TRAINEE

May 2022 – June 2022 | Remote

- Software training program.
- Learned concept of Operating system, DBMS, Problem solving and Computer Networks.

## PROJECTS

### REGIFYME | MERN STACK

- Implemented **CRUD operations** using MongoDB, Express.js, React.js, and Node.js
- Utilized **Axios** for efficient **HTTP calls** between frontend and backend.
- Leveraged **React hooks** (useState, useEffect, useRef) for streamlined state management.
- Backed by MongoDB for secure and scalable **data storage**.

### REMOTELY-VISIBLE-IDE | JAVA, SOCKET.IO, JAVANETWORKING, JAVASWING, JAVAROBOT

- Designed a backend **client-server architecture**.
- Enabled server PC to take control of the client PC, including mouse, keyboard, and screen sharing.
- Deployed within a **internal network**. Users can access the system by connecting to the specified **IP address** and **port number**.
- Server manages many PCs at once, using smooth **multi-threading**.