Aryan Kumar

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Education

Vellore Institute of Technology, B.Tech in Computer Science and Engineering   09/2022 – present
  Specialization in **Information Security**   Vellore
    CGPA : **8.70**

Neerja Modi School, High School CBSE   2022
  10% : 90.2   Jaipur
  12% : 90.8

Skills

Security Tools (Burp Suite, Wireshark, Hashcat, Nmap)

Penetration Testing and Vulnerability Analysis

Programming (Python, Java, C, C++, Shell)

Frameworks (Pandas, Numpy, MatplotLib)

Database (MySQL, SQLPlus, MongoDB)

OS (Kali, Ubuntu, Windows)

Certifications

Certified in Cyber Security (CC) — ISC2 2025

Professional Experience

UD Trucks, Cyber Security Intern   05/2025 – 07/2025
  Gained hands-on experience in web application security, practiced penetration   Bangalore, India
  testing using tools like Burp Suite, and explored common web vulnerabilities
  such as SQL Injection (SQLi) and Cross-Site Scripting (XSS). Also studied
  secure network configurations, HTTP protocols, and security fundamentals.

Computer Society of India, Creative Head   2023 – present
  Domains: Management, Design and Video Editing
  • Organized multiple events at the university, ensuring smooth execution and
  high engagement.
  • Coordinated the core committee selection process, overseeing the evaluation
  and recruitment of members.

Projects

Cooking-Gen
  Overview: Developed a dynamic web application focused on providing users with a variety of recipes,
  enabling them to explore and
  discover new dishes.
  Technologies Used: React.js
  Key Features:
    • User-friendly interface designed with React.js for seamless user experience.
    • Extensive recipe database with search and filter functionalities

Flight Reservation Management System

Overview: Developed a comprehensive system that enables administrators to perform Create, Read, Update, and Delete (CRUD)
operations on flight reservations.

Technologies Used: Python, MySQL, Python-Tkinter (for GUI)

Key Features:
- Intuitive graphical user interface (GUI) for ease of use.
- Robust backend integration with MySQL for reliable data storage and management.
- Full CRUD functionality to manage flight reservations efficiently.