ADITYA KUMAR

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EDUCATION

KIET Group of Institutions – Ghaziabad, Delhi NCR *2021-2025*
Bachelor of Technology, Information Technology.

BD Public School – Vaishali, Bihar *2018-2020*
Intermediate with Maths, Physics, Chemistry

EXPERIENCE

CISCO

Cyber Security Intern *May 2023 – August 2023*
- Developed a comprehensive foundation in cloud security, Linux systems, cybersecurity essentials, and networking.
- Implemented security protocols and configurations on Linux servers, enhancing system protection by 20%.

Campus Internship KIET

DSA and C/C++ *Aug 2022 – Oct 2022*
- Acquired networking skills and integrated workplace culture practices.
- Developed a game using basic C programming utilized by 10+ students.

CERTIFICATIONS

Introduction to Machine learning with R	(Jul 2022)	Cybersecurity Essentials	(Aug 2023)
Programming Essentials in C++	(Dec 2022)	Cloud Security Training	(Dec 2023)
CCNA Introduction to Networks	(Mar 2023)	Google Cyber Security Professional	(Jun 2023)

CO-CURRICULAR ACTIVITIES

Cyber Peace Cell – KIET Group Of Institutions, Ghaziabad

President *July 2022 – Present*
- Led a team of 45 members as President of the Cyber Peace Centre, fostering collaboration and strategic vision.
- Organized 10+ workshops, awareness sessions, and bootcamps, enhancing development for over 300 participants.

Google Developer Student Clubs KIET

Member *May 2023 – Present*
- Specialized in development with a focus on creating impactful UI/UX designs.
- Active contributor to collaborative projects, leveraging coding skills and design expertise to enhance user experiences.

SKILLS

Database Management: MySQL   **Source Code Management:** Git, GitHub **Tools:** Kali Linux, Nmap, Burpshuit, Wireshark.
Web Development: HTML, CSS, JavaScript. **Other Skills:** Virtual Machines, Data Analytics, Debugging, IoT, Kernal Development.
Technical Languages: SQL, C/C++, JavaScript, HTML/CSS, JAVA, Python, Bash.

PROJECTS

Antivirus Software
- Developed a lightweight antivirus program using Python, capable of detecting and removing malware with 90% efficiency.
- Implemented heuristic analysis and signature-based detection methods, improving overall system security

Campus Network Architecture
- Developed a campus network architecture using Packet Tracer and TCP/IP protocols, ensuring efficient communication.
- Implemented network segmentation and security measures to optimize performance and protection.

Network Sniffer tool
- Created a Network Packet Sniffer tool using Python for real-time monitoring and analysis of network traffic.
- Enabled packet capture and analysis, showcasing foundational skills in network and cybersecurity fundamentals.

Facial Emotion Recognition System
- Implemented advanced ML algorithms to accurately detect and classify facial expressions in real-time, achieving an 85% accuracy rate.
- This project involved data preprocessing, feature extraction, model training, and deployment.

SOFT SKILLS

- Leadership & Teamwork: Led diverse teams to achieve goals through strategic collaboration.
- Problem-Solving & Communication: Effectively resolved challenges and ensured project success with clear communication.