

KUNAL GOYAL

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EDUCATION

- **Computer Science & Engineering** (Spl. In Cyber Security & Digital Forensics)
| VIT Bhopal University **CGPA: 8.09** | 2022-Present
- **12th** | MOUNT LITERA ZEE SCHOOL **86.6%** |
March, 2022
- **10th** | GD GOENKA PUBLIC SCHOOL **92.0%** |
March, 2020

SKILLS

- **Java:** Proficient; practicing daily to enhance efficiency and build robust applications.
- **Ethical Hacking:** Understanding of security principles and vulnerability assessment.
- **Penetration Testing:** Knowledge of testing systems for security weaknesses.
- **MySQL Database Management:** Experience in database design, queries, and administration.
- **AWS Cloud Computing (Foundational):** Familiar with core AWS services and cloud concepts.

EXPERIENCE / PROJECT

- **Cyber Security Analyst Intern, The Red Users (Feb 2025 – Mar 2025)**
- **Cyber Security Intern, ECSIP 2025 at ENCODERSPRO PRIVATE LIMITED (June 2025 – July 2025)**
- **Intrusion Detection System (IDS) Using Machine Learning**
 - Developed an IDS leveraging machine learning algorithms to detect and classify network intrusions.
 - Utilized NSL-KDD and CIC-IDS-2017 datasets for training and evaluation.
 - Applied feature selection, preprocessing, and model optimization to enhance detection accuracy.
- **Rural Connect – Empowering Rural Communities**
 - Built a centralized web platform using JavaScript, HTML, CSS, and Node.js to connect rural users with welfare schemes, farming essentials, and affordable medicines.
 - Integrated e-commerce features and information access to reduce barriers and improve service delivery in rural areas.

HONORS / CERTIFICATES & HACKATHONS :

- **Certified Ethical Hacker, EC-Council**
- **Java Programming with Data Structures & Algorithms**
- **Cybersecurity Analyst, IBM**
- **DevOps, Agile & Design Thinking, IBM**
- **Adobe India Hackathon, Team Codeboys, Registered June 2025**
- **HackOn With Amazon – Season 5, Team Breeze, May 2025**
- **VishwaCTF'25 Mini, Team ZERO, February 2025**
- **L'Oréal Sustainability Challenge 2024, October 2024**
- **Azure Fundamentals: A Cloud Skills Challenge, Microsoft, September 2023**
- **Flipkart GRiD 5.0 – Robotics Challenge, Team Titans, July 2023**

