

KUNAL PATHAK

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TECHNICAL SKILLS

- ❖ **Cybersecurity:** Penetration Testing, Vulnerability Assessment
- ❖ **Network Security:** Firewalls, Nmap, Wireshark
- ❖ **Programming Languages:** Java | C++ | C | Python
- ❖ **Web Technologies:** HTML, CSS, JavaScript
- ❖ **Data Structures & Algorithms**

ACHIEVEMENTS

- ❖ **Research paper publication** | [Verify](#)
Published a survey paper on topic “**Survey on Framework of Governing Modern Cyber Attacks in Computer Network**” in the **IEEE** Conference proceedings.
The 95% cyber-attacks are detected by making the use of technologies like Artificial Intelligence and Machine Learning which makes the systems safer and more secured.

EDUCATION

- ❖ **Sanjivani College of Engineering, Maharashtra, India**
 - Bachelor of Technology (B-Tech) in Computer Engineering
 - **Relevant coursework:** Object Oriented Programming | Fundamental Data Structure | Computer Fundamental Programming | Databases | Discrete Math's | Advance Data Structures | Computer Organization and Architecture | Operating System Administration |
- ❖ **S.S.G.M College Kopergaon Maharashtra, India (HSC)**
- ❖ **New English School Yesgaon, Maharashtra, India (SSC)**

PROJECTS

- ❖ **Arithmetic Calculator** (2022)
This project showcases proficiency in front-end technologies and problem-solving skills in implementing basic arithmetic operations. – HTML, CSS, JavaScript
- ❖ **Placement Management System Web Based Application** (2023)
(Automated platform for managing student placements efficiently)
- ❖ **Sanjivani CIA Report Generator** (2024)
(A web-based system for managing and generating Continuous Internal Assessment (CIA) reports, featuring role-based access for admins, faculty, and students.)
- ❖ **Smart Parking System – ‘Park Smart’** (2025)
(Developed an IoT-based smart parking system using ultrasonic & IR sensors to optimize parking slot allocation. Implemented real-time monitoring using Raspberry Pi 3B)

EXPERIENCE

- ❖ **Cod soft** – Virtual Internship in “Web Development”. @codsoft
- ❖ **Cognifyz_Technologies** – virtual internship as a “Java Developer”. @cognifyz_technologies

COMMUNICATION LANGAUGES

- ❖ English | Hindi | Marathi

CERTIFICATIONS

- ❖ **Mastering Nmap** – From Infosys Springboard | [Verify](#)
- ❖ **AWS Academy Graduate** - AWS Academy Cloud Security Foundations | [Verify](#)
- ❖ **Cybersecurity Awareness: Phishing Attacks (2022)** – LinkedIn Learning | [Verify](#)
- ❖ **Complete Guide to SQL for Data Engineering** – LinkedIn Learning
- ❖ **Object Oriented Programming Specializations (University of London) Certification** | [Verify](#)
Coursera certified for successful completion of University of London & Goldsmiths, University of London Object Oriented Programming Specialization, Taught by: Dr Matthew Yee-King.

HOBBIES

- ❖ Learning New Things New Technologies, Playing badminton