

# Digpal Kumar

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## Training

### LPU Academic Workshop

June 2025 – July 2025

#### Fundamentals of Cybersecurity & Linux Essentials

- Learned basic cybersecurity concepts including authentication, network safety, and password hygiene.
- Practiced essential Linux commands such as file navigation, permissions, and system monitoring.
- Performed small hands-on tasks like checking open ports, observing simple network traffic, and exploring system logs.

## Projects

### Password Strength Visualizer (passwordTool) | HTML5, CSS3, JavaScript (DOM Manipulation)

May 2024

- Built a moisture-based irrigation setup using Arduino Uno, soil-moisture sensor, and relay circuit.
- Assisted in circuit design, sensor calibration, and serial-monitor testing to verify real-time readings.
- Implemented an automatic alert mechanism using a buzzer/LED whenever moisture dropped below a threshold.
- Github Repository Link: [link](#)

### Keylogger Simulation (keylogger) | JavaScript (Event Listening), CSS.

April 2024

- Created a Python program that checks product types and materials to classify if they are eco-friendly.
- Added a small recommendation module suggesting greener alternatives using a predefined dataset.
- Tested the script with everyday items and optimized the input flow for faster checks.
- Github Repository Link: [link](#)

### PhishAware Demonstration (phishAware) | HTML, CSS (Social Engineering UI).

April 2024

- Designed a professional demonstration of a Credential Harvesting attack vector to raise user awareness about social engineering.
- Mimics a phishing portal to show how easily sensitive data can be exfiltrated when users are not vigilant.
- Tested the script with everyday items and optimized the input flow for faster checks.
- Github Repository Link: [link](#)

## Certificates

### Master Generative AI & AI Tools

March 2025

Udemy — [Certificate Link](#)

### TCP/IP and Advanced Topics

March 2024

Coursera — [Certificate Link](#)

### Packet Switching Networks and Algorithms

March 2023

Coursera — [Certificate Link](#)

### Introduction to Hardware and Operating Systems

March 2022

Coursera — [Certificate Link](#)

### Linux Fundamentals

March 2021

LPU Skill Development — [Certificate Link](#)

## Technical Skills

**Languages** Python, C, C++, Java, SQL, HTML, JavaScript

**Technologies/Tools/Platforms:** Arduino, AutoCAD, VS Code, GitHub, Cisco Packet Tracer, Wireshark, Nmap, Linux

**Soft Skills:** Teamwork, Communication, Adaptability, Time Management

## Education

### Lovely Professional University

2023 – Present

Computer Science and Engineering — CGPA: 7.5

Phagwara, Punjab

### Sri Viswasanthi EM High School

2020– 2022

12th with Science — Percentage: 82

Vuyyuru, Andhra Pradesh

### Sri Viswasanthi EM High School

2019 – 2020

10th with Science — Percentage: 95

Vuyyuru, Andhra Pradesh