

# PAWANRAJ KUSHWAH

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Portfolio

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## Education

**Lakshmi Narain College of Technology**

B.Tech. in CSE-IoT

2021-2025

8.77 CGPA

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## Internship

**Cisco Cybersecurity Virtual Internship**

Cisco

Virtual

- Learned about different cyber security and networking fundamentals.
  - Practical experience on Cisco packet tracer.
  - Learned about Cloud Security, Cyber Security tools and many more.
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## Projects

**Campus Network Topology** — Visualization | Cisco Packet Tracer

- Build a network visualization of a small campus.
- Get to know about how packets are transferred between devices in a network.
- Analyzed packet transferring using Packet Sniffer.

**Weather Monitoring System** — Sensors | Arduino | ThingSpeak

- Used the sensors like DHT-11, BMP-180, ESP8266 etc. to monitor the weather.
- Visually represented the changes in weather using graphs with the help of ThingSpeak Platform.
- The graphs can be integrated on any website.

**Java Process Scheduler** — Java | OOPs | Launch4j | Process Scheduling

- A java executable file that allows user to perform process scheduling.
- Takes input from user like number of process , their arrival time and their burst time.
- Allows the user to choose which process scheduling algorithm they want to perform and accordingly generates output.
- Also gives “Best” as a choice which tells the user which algorithm takes least amount of time for the given input.

**codEditor** — HTML | CSS | JS

- An online code editing platform.
  - Allows users to write html, css and js code and can watch it's output alongside
  - Allows user to download their code in their local storage.
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## Technical Skills

Tools: Canva, Postman, Cisco Packet Tracer

Languages: Java(Core), HTML, CSS, JavaScript, C++

Database: MySQL

Library & Frameworks: Tailwind CSS

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**Soft Skills:** Problem-solving, Analytical Skills.

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## Achievements

- Smart India Hackathon(2024) - Finalist
  - Third position in BlockBinge Hackathon
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## Certifications

- Java - CodeChef
- Cyber Security - Cisco
- Cloud Security - Cisco
- Internet of Things - Cisco