

# Kopal Verma

ComputerScienceEngineering Student

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## EDUCATION

B.TechinComputer Science Engineering

Vellore Institute of Technology

09/2023 - 05/2027 Bhopal, MP, India

GPA  
8.57 / 10

ICSE

MercyMemorial School

04/2010 - 03/2022 Kanpur, UP, India

GPA  
9.1 / 10

## PROJECTS

Simon Says Game

04/2024 - 05/2024

Frontend Project

- Developed a responsive memory-based game using HTML, CSS, and JavaScript
- Developed real-time gameplay and high-score leader board to enhance engagement and replay ability
- Optimized gameplay for cross-device compatibility using adaptive UI techniques

Spending Tracker Web App

05/2024 - 05/2024

Frontend Project

- Built a web-based spending tracker using HTML, CSS, and JavaScript, enabling users to log and manage daily expenses
- Developed dynamic DOM updates for smooth add/delete functionality, improving UI interactivity
- Designed a clean, responsive UI to ensure seamless usability across devices

## EXPERIENCE

Cyber-Security Internship

MP Police

02/2024 - 02/2025 India

Government Internship

- Supported cybercrime investigations and digital forensics with the Madhya Pradesh Police Cyber Cell
- Conducted cybersecurity awareness surveys across diverse populations to evaluate digital literacy and risk exposure
- Delivered interactive cyber hygiene sessions in rural schools, promoting safe online practices
- Collaborated with officials to co-organize and participate in a cybersecurity hackathon targeting real-world threats

## SKILLS

C++ Python Java JavaScript HTML CSS MySQL  
Node.js Express.js React.js DSA OOP RESTful APIs Operating Systems DBMS

## KEY ACHIEVEMENTS

G20 Smart India Hackathon 2023 – Grand Finalist

Led a 4-member team in a national hackathon to develop a biomimicry-based water extraction solution Conceptualized and simulated a bio-membrane system to generate drinking water from atmospheric humidity.

IDE Bootcamp 2024 – Best Performing Team Award

Secured 2nd Runner-Up position for delivering innovative tech solutions, showcasing leadership, critical thinking, and effective team collaboration in a competitive bootcamp environment

## CERTIFICATIONS

Introduction to Machine Learning (NPTEL, IIT Madras)

- Issuing Organization:** NPTEL, Indian Institute of Technology Madras
- Completion Date:** Jan-Apr 2025
- Completed a 12-week online course on machine learning fundamentals, certified by the Ministry of Education.

Student SOC Program Foundations training

- Issuing Organization:** Microsoft
- Completion Date:** Aug 2025
- Completed foundational training on Security Operations Center (SOC) principles and practices, certified by Microsoft.