

# Vishal Kumar Yadav

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## SKILLS

- **Languages:** Python, Java, C++, JavaScript, C, PHP
- **Tools/Frameworks:** Nmap, Burp Suite, Metasploit, Autopsy, OWASP ZAP, Cuckoo Sandbox
- **Tools/Platforms:** Git, GitHub, Kali Linux, Docker, VS Code, AWS, Ubuntu
- **Soft Skills:** Problem Solving, Teamwork, Adaptability, Time Management, Analytical Thinking

## INTERNSHIP

- **Software Development Intern -Optmyzr | GitHub** Jun 2025
  - Assisted in frontend and backend development tasks under the guidance of senior engineers.
  - Worked on debugging, code optimization, and Git-based collaboration.
  - Implemented small feature modules using JavaScript and Node.js.
  - Gained experience with Agile practices and real-world software development workflows.

## PROJECTS

- **Machine Poem Generator – AI-Based Creative Writing Tool: | GitHub** Apr 2025
  - A web-based tool that generates poems based on user themes, moods, and keywords.
  - Built an intuitive UI for user inputs using HTML, CSS, and JavaScript.
  - Developed Python-based backend using text-processing algorithms.
  - **Technologies used:** Python, HTML, CSS, JavaScript, Text-Processing algorithms.

## CERTIFICATES

- Java Programming | iamneo | [Certificate](#) May 2025
- Red Hat Certified System Administration (RHCSA) – Linux System Administration | [Certificate](#) Jun 2025
- Certified in Cloud Computing | NPTEL | [Certificate](#) Nov 2025
- Data Structure & Algorithms| iamneo | [Certificate](#) Dec 2024

## ACHIEVEMENTS

- **Top 5% in Hackathon (500+ participants) – HackWithVertos 1.0**  
Participated in the Hackathon organized by Lovely Professional University. | [Certificate](#) Mar 2024
- **University-Verified & Patented Project**  
Successfully developed innovative projects officially verified and recognized by the University. Apr 2025

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab
- *Bachelor of Technology - Computer Science and Engineering; CGPA: 5.21* Aug 2023 – Present
- **Inter Science College** Hazaribagh, Jharkhand
- *Intermediate; Percentage: 85.5%* Apr 2020 - Mar 2022
- **St. Paul School** Hazaribagh, Jharkhand
- *Matriculation; Percentage: 66%* Apr 2018 – Mar 2020