Piyush Pal

Bachelor of Technology
Computer Science and Engineering
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PROFESSIONAL SUMMARY

Computer Science and Engineering student specializing in Cloud Computing & Automation, with strong skills in Python, Java, OOP, DSA, Cybersecurity, and Web Development. Passionate about applying technical expertise to build innovative, secure, and scalable solutions while growing in a dynamic professional environment.

EDUCATION

- **Vellore Institute of Technology (VIT), Bhopal**   2022-2026
  B.Tech in Computer Science and Engineering with Specialization in Cloud Computing and Automation   **CGPA: 8.41**

- **Kendriya Vidyalaya, Mughalsarai**   2021-2022
  Senior Secondary Examination (CBSE) - Class XII   **Percentage: 71.2%**

- **Kendriya Vidyalaya, Mughalsarai**   2019-2020
  Higher Secondary Examination (CBSE) - Class X   **Percentage: 88.0%**

TECHNICAL SKILLS

- **Programming languages:** C++, Java, Python, HTML, CSS, JavaScript, SQL
- **Software Packages:** MS Visual Studio, MySQL, Git, GitHub
- **Core Courses:** Object-Oriented Programming System (OOPS), Data Structures and Algorithms (DSA), Database Management System (DBMS), Operating System (OS), Computer Networks (CN)
- **Soft Skills:** Problem Solving, Communication, Teamwork, Adaptability, Collaboration, Analytical Thinking

ACTIVITIES/EXPERIENCE

Ethnus MERN stack Certification Program | Link ↗   Jan 2025-Apr 2025
- Gained hands-on experience in building scalable and dynamic web applications using MongoDB, Express.js, React, and Node.js, including front-end development, back-end integration, and database management.

IBM Adroit Cyber Security Analyst | Link ↗   Jan 2025-Apr 2025
- Completed training in network security, threat detection, incident response, and vulnerability assessment, gaining hands-on experience with industry-standard cybersecurity tools.

PROJECTS

E-Commerce Web Application   Dec 2023
- Developed a full-stack e-commerce web application using MERN stack with user authentication, product catalog, shopping cart, and payment integration.
- Created a responsive and dynamic UI, ensuring performance, scalability, and security of the application.

Anicare - Animal Welfare Website   Apr-2024
- Built a full-stack animal welfare platform using MERN stack with role-based access, adoption workflows, and donation integration.
- Developed a responsive, component-driven UI with optimized APIs and secure, scalable data management

ADDITIONAL INFORMATION

Language Known: English, Hindi
Certification: The Bits and Bytes of Computer Networking (Coursera), AWS Cloud Practitioner Essentials (Coursera), 10 days Training on Artificial Intelligence Machine Learning & Deep Learning, Embedded System Design and IoT (EdGate), TCS iON Career Edge - Young Professional (TCS iON)
Area of Interest: Exploring cybersecurity trends, ethical hacking and penetration testing, Experimenting with cloud deployments, serverless architectures and secure web applications.