Vanshaj

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Technology excites me and I am always in awe of the change it drives in the world. Certain skills that I have worked with include Data Structures and Algorithms, & Machine Learning (Python). What I might lack in skills, I make up for with my determination to learn.

EDUCATION

Chandigarh University   **Mohali, India**
- Bachelor of Engineering   2023-2027
    - Computer Science Engineering
    - Current CGPA: 8.43

K.L.G Public School   **Saharanpur, India**
- Intermediate (CBSE)   2022-2023
    - Percentage: 94.8%
- Matriculation (CBSE)   2020-2021
    - Percentage: 94.6%

RELEVANT EXPERIENCE

Chandigarh University   **Remote**
- *Summer In-house Internship*   May 2025 – June 2025
    - **Completed** intensive hands-on training in **full-stack web development**, covering HTML, CSS, JavaScript, Bootstrap, PHP, and React.js.
    - **Established** dynamic server-side applications with **PHP**, including form handling, authentication, and CRUD operations.
    - **Designed and deployed** scalable **React.js** SPAs integrating **RESTful APIs,** optimized for performance and user experience using hooks, routing, state management, and API integration.

Edunet Foundation   **Remote**
- *Intern*   Dec 2024 – Jan 2025
    - **Participated** in an intensive 6-week program offered by **Edunet Foundation** in collaboration with **EY GDS & AICTE.**
    - **Worked** on robust applications with the **MERN stack**.
    - **Designed and implemented** features for a music player app.

PROJECTS

- ***VidyaLink*** *– Remote classroom for rural colleges*   *Sep 2025 – Present*
    - Developed an **AI-powered multilingual** support application using **MERN Stack** to enhance accessibility for rural colleges.
    - Used **low-bandwidth optimization** (adaptive bitrate, offline downloads).
- ***FindIt Platform*** *– Lost & Found Web App*   *June 2025 – July 2025*
    - Full-stack platform using HTML, CSS, PHP, JavaScript, and MySQL.
    - Implemented a secure platform to report, search, and recover lost or found items through a user-friendly web interface.
- ***VibeFlow*** *(Music Player App)*   *Dec 2024 – Jan 2025*
    - Created using the MERN stack.
    - This platform offers a seamless multi-device experience with AI-powered search, allowing users to browse, listen, and manage playlists efficiently.

SKILLS

- ***Programming*****:** C++, C, Python, Java, JavaScript, SQL
- ***Data Analysis*****:** Pandas, NumPy, Matplotlib, Seaborn
- ***Web/Tools*****:** HTML, CSS, PHP, Ajax, Bootstrap, React.js, Node.js, Express.js, Git, MySQL, MongoDB
- ***Concepts*****:** Object-Oriented Programming (OOP), Data Structures, Algorithms, RESTful APIs, AI Basics
- ***Soft Skills*****:** Agile Teamwork, Problem-Solving, Cross-functional Collaboration, Technical Documentation, Presentation Skills.

ACHIEVEMENTS

- Finalist in Tekathon 4.0 in Chandigarh University.
- Qualified for Phase 3 in Project Expo 2025 by Chandigarh University.
- Completed 'Generative AI for Software Development' course by DeepLearning.AI.
- Secured the Rs. 14,000 scholarships offered by Metacrafters.