

Aman Raj

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SKILLS

- **Languages:** C++, Java, JavaScript, C, Python, HTML, CSS, SQL
- **Frameworks:** React JS, Node JS, Next JS, DJANGO, Spring Boot
- **Tools:** Excel, Tableau, PowerPoint, MYSQL, MongoDB
- **Technical Skills:** Data Structures & Algorithms (DSA)
- **Soft Skills:** Problem-Solving , Adaptability, Time Management

PROJECTS

- Eco Tracker website | [Link](#)** April 2025- May 2025
• Developed a responsive carbon footprint tracking platform using HTML, Tailwind CSS, and JavaScript with an interactive UI and dark mode support.
- Implemented a real-time carbon emission calculator with dynamic sliders, diet selector, and automated CO₂ estimation logic.
- Tech: HTML, CSS, JavaScript, PHP
- Smart Inventory Management System | [Link](#)** Sep 2024 - Nov 2024
• Designed an 8-page Smart Inventory Management System UI using FIGMA with clean and modern layouts.
- Built reusable components and design system using auto-layout, grids, and consistent spacing.
- Created high-fidelity screens with a structured color palette, typography, and iconography.
- Developed interactive prototypes showcasing real user flow and seamless screen transitions.
- Tech:Figma
- Virtual Study Online | [Link](#)** Jan 2026
. Developed a Virtual Study Online platform to enable students to attend online classes, access study materials, and collaborate remotely in a structured learning environment.
- . Implemented key features such as live/recorded sessions, notes sharing, and user-friendly navigation to improve student engagement and learning efficiency.
- . Tech: Html, Css, JAVASCRIPT , REACT , MYSQL
- Hotel Management System |** June 2025
. Developed a console-based Hotel Management System using C++ to handle room booking, customer records, and check-in/check-out operations efficiently.
- . Implemented core programming concepts such as OOP (classes & objects), file handling, and conditional logic for data management and persistence.
- . Tech: Cpp, Oops, File handling

CERTIFICATES

- Cloud Computing | NPTEL| [Certificate](#) April 2025
- PHP, JavaScript, |UDEMY| [Certificate](#)
- Laravel | UDEMY | [Certificate](#) October 2023
- C++ and DSA | Google| [Certificate](#) June 2025
- SQL | HACKERANK | [Certificate](#) Nov 2025
- React | COURSERA | [Certificate](#)
- Java | HACKERANK | [Certificate](#)

TRAINING

- Mastering in C++ with using OOPS | [Certificate](#)** June 2025
• Developed a C++-based conflict detection system using Interval Trees to efficiently identify overlapping hostel room.
- Learned core C++ concepts including OOP principles (Classes, Objects, Inheritance, Polymorphism, Encapsulation).

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology – Information technology; CGPA: 7.48 August 2023 – May 2027
- **Patna High School** Patna, Bihar
Intermediate (PCM); Percentage: 77% April 21 - March 2023
- **St Karens High School** Bihar
Matriculation; Percentage: 86% April 2018 - March 2019