

Akshat Yadav

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SKILLS

Languages: C, C++, Python, Java, JavaScript
Tools/Platforms: HTML and CSS, React JS, Node JS, Git, GitHub
Soft Skills: Problem-Solving, Project Management, Adaptability

TRAINING

Board Infinity- Data Structure and Algorithms June 24 – July 24

- Supported staff members in their daily tasks, reducing workload burden and allowing for increased focus on higher-priority assignments
- Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situations
- Analysed problems and worked with teams to develop solutions
- Contributed to a positive team environment by collaborating with fellow interns on group projects and presentations

PROJECTS

Travel Project | Xcode Since March 2025

- A Travel App in iOS development is a user-focused project designed to help users plan, organize, and manage their travel experiences. It demonstrates the use of Storyboard or UI Kit for building a dynamic UI, and Core Data, User Defaults, or Realm for data persistence. Optional features may include for syncing travel plans across devices.
- Create, edit, and delete trips or itineraries. Store travel details like destinations, dates, accommodation, and activities. Allow users to categorize trips, add notes, and view locations on a map. Implement filters like upcoming or past trips, and support for offline access.

Simple Library Management System| C++ May 2024-July 2024

- Designed and implemented a console-based library management system in C++ to handle book inventory, member records, and transactions efficiently.
- Utilized object-oriented programming (OOP) principles—encapsulation, inheritance, and polymorphism—to structure the system with Book, Member, and Transaction classes.
- Developed features including book lending, return tracking, fine calculation, and search functionality using STL containers like vector, map, and unordered map.
- Implemented file handling for persistent data storage, enabling users to save and load the library state across sessions.
- Optimized search and update operations, reducing response time by 30% through efficient data indexing and retrieval logic.

Weather Application| HTML, CSS, JS, React May 2024-July 2024

- Developed a responsive weather application using React, integrating APIs to fetch real-time weather data for multiple locations.
- Implemented dynamic UI components with seamless user interactions using JavaScript and CSS, enhancing the overall user experience.
- Optimized API calls and data handling techniques to ensure fast and accurate weather updates, achieving a 30% reduction in load time.

CERTIFICATES

Data Structure and Algorithms | *Boards Infinity* May 2024-July 2024

Supervised Machine Learning: Regression and Classification | *Coursera* September 2024-November 2024

EDUCATION

Lovely Professional University Phagwara, Punjab
Bachelor of Technology August 22 – Present
Computer Science and Engineering; CGPA: 6.00

N.L.K.V.M. Inter College Kanpur, Uttar Pradesh
Intermediate April 20 – March 21
PCM; Percentage: 83%

N.L.K.V.M. Inter College Kanpur, Uttar Pradesh
Matriculation April 18 – March 19
Percentage: 78%