

Anand Kumar Bharti

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SKILLS

- **Languages:** Java, JavaScript
- **Frameworks:** HTML, CSS, Tailwind, Node.js, React.js, Express.js
- **Tools/Platforms:** MySQL, MongoDB, DBMS
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management

TRAINING

- **Data Structure and Algorithm Self-paced** June 2023 - July 2023
Geeks for geeks
 - Developed strong problem-solving skills by extensively working with Array, String, String Builder, Array lists, Linked lists, Stack, Queue etc.
 - Focused on optimizing solutions by addressing time complexities ($O(n)$, $O(\log n)$, $O(n^2)$, etc.), space complexities, and handling edge cases.
 - Solved numerous problems on platforms like Leet Code, Geeks for Geeks, and Coding Ninjas, enhancing coding speed and algorithmic thinking.
 - Achieved significant improvements in understanding fundamental computer science concepts.

PROJECTS

- **Website – Book Store | <https://bookstoreo.netlify.app/> :** January'2024
 - Developed a **dynamic and responsive webpage** using **MongoDB** for the database.
 - Utilized **Node.js** and **Express.js** for backend and **React.js** for front-end development, along with third-party API integration for AI support.
 - Implemented user authentication and authorization to ensure secure access to the website's features including private-routing for accessing data by admin only. All CRUD operation can be performed.
 - Conducted extensive testing and debugging to ensure the application was robust and error-free.
 - Designed and implemented user-friendly interfaces, enhancing user experience.
 - Tech Stack:** React.js, Node.js, Express.js, Tailwind, JavaScript, MongoDB
- **Library Management System-CLI:** November'2022
 - Created a **Library Management System** using **Java**, **JDBC**, and **SQLite**.
 - Enhanced skills in **database management** and querying **relational databases** as well as hands-on experience with Java programming with the concepts of OOPS like Abstraction, Polymorphism, Inheritance, and Encapsulation.
 - Demonstrated practical application of **Java programming** and JDBC.
 - Ensured the application was efficient by optimizing SQL queries and managing database transactions.
 - Tech Stack:** Java, JDBC, SQLite as Database

CERTIFICATES

- **MongoDB Certification** by MongoDB July'2024
- **Server-Side JavaScript with Nodejs** by Coursera May'2024
- **Frontend App using React.js** by Coursera March'2024
- **Java Certification** by Coding Ninja September'2023
- Data Structure and Algorithm **-Self-paced** by Geeks for Geeks July'2023

ACHIEVEMENTS

- Campus Ambassador at Zuno by found-it. December'2022
- Qualified for Smart India Hackathon (SIH) for 3rd round. September'2023
- One among the Dean's top 10 % of students at university.
- Member of LPU NSS.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering | *CGPA: 7.94* August'2021- Present
- **BD Academy** Banka, Bihar
Intermediate | PCM April'2019- March'2021
- **St. Joseph's School** Banka, Bihar
Matriculation | ICSE with JAVA, C++ April'2018 –March'2019