

Yuvraj Rajbhar

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SKILLS

- **Languages:** C++, JavaScript, java
- **Frameworks:** HTML and CSS, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

PROJECTS

- **Library Management System (MERN project)** Apr 2024 – Jun 2024
Developed a library management system using the MERN stack (MongoDB, Express.js, React, Node.js), enabling seamless and interactive user experiences.
Applied advanced software development principles to build a real-world application, showcasing the ability to translate theoretical knowledge into practical solutions.
Managed and optimized a MongoDB database, ensuring efficient data storage and retrieval through effective schema design and query execution.
- **Graph Traversal (JAVA project)** Feb 2024 – Apr 2024
Technologies Used: Java, Swing (for GUI)
Developed a comprehensive graph traversal project utilizing Java for the core logic and Swing for the graphical user.
Implemented fundamental graph traversal algorithms, including Depth-First Search (DFS) and Breadth-First Search (BFS).
Designed an intuitive and interactive GUI that allows users to visualize graph structures and traversal processes in real-time.
Optimized performance to handle larger graphs efficiently and provided error handling for user inputs.
Demonstrated strong problem-solving skills and a deep understanding of data structures and algorithms throughout the development process.
- **Quiz Platform (JAVA Project)** Nov 2024 - Jan 2024
Technologies Used: Java, Spring Framework, Spring Boot, SQLite (for database)
Developed an interactive quiz platform using Java, leveraging the Spring Framework for backend services.
Designed a robust database schema using SQLite to store questions, answers, user scores, and other relevant data.
Implemented various quiz functionalities including multiple-choice questions, timed quizzes, and scoring mechanisms.
Optimized the application for performance, ensuring smooth operation even with a large number of quiz entries.

CERTIFICATES

- **Server-side JavaScript with Node.js by NIIT** Apr 2024 – May 2024
- **React basics by META** Feb 2024 – Apr 2024
- **Frontend web development Internship** May 2023 – Jun 2023

ACHIEVEMENTS

- **530+ code submission on Leetcode** Oct 2023
- **150+ code submission on Codechef** Aug 2023
- **200+ Code submissions on Geeks for Geeks** Aug 2023
- **1000+ Contest rating in codeforces** Aug 2024

Co-Curricular Activities

- **Participated in Tech-a-Thon** Sep 2023
- **Participated in hackathon hosted by GDSC** Nov 2022
- **Attended a workshop on Generative Ai by Instabase** Aug 2022

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.94 Since August 2021
- **Narayana Junior College** Kalyan, Maharashtra
Intermediate; Percentage: 92% April 2020 - March 2021
- **St. Xavier's Senior Secondary School** Mau, Uttar Pradesh
Matriculation; Percentage: 88% April 2018 - March 2019