

Deepshikha Pal

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SKILLS

- Languages:** Java, JavaScript, C, C++
- Frameworks:** HTML, CSS, Bootstrap, Node.js, React.js
- Tools/Platforms:** MySQL, MongoDB, Git, GitHub, LeetCode (Solved 100+ problems)
- Soft Skills:** Problem-Solving, Leadership, Teamwork, Project Management

TRAINING

- Data Structures and Algorithms – Board Infinity Intern** June 2024
- SDE Intern
 - About:** This training covered various data structures such as linked lists, trees, tries, and graphs, significantly enhancing my problem-solving skills and enabling me to tackle complex challenges effectively.
 - Developed a text-based **Library Management System** using **C++**, enabling efficient storage and retrieval of 100+ books.
 - Gained hands-on experience in optimizing algorithms for time and space complexity.
 - Outcome:** Developed a text-based platform for library management, strengthening problem-solving skills.
 - Technologies used:** C++, Data Structures, and Algorithms

PROJECTS

- THE HOME DECOR WEBSITE | FULL – STACK E-COMMERCE PROJECT** October 2024
 - Built a full-stack e-commerce website with **Angular 17** for the frontend and **Node.js/Express.js** for the backend.
 - Implemented **MongoDB** for efficient database management, enabling seamless storage and retrieval of over 100 product records.
 - Improved backend efficiency by implementing pagination, dynamically loading 10 products at a time to reduce server load
 - GitHub Repository:** <https://github.com/DEEPSHIKHA102/The-Home-Decor>
- LIBRARY MANAGEMENT SYSTEM | DATA STRUCTURES, ALGORITHMS, AND C++** June 2024
 - Built a Library Management System for managing over 100 books with **CRUD** operations (Create, Read, Update, Delete).
 - Implemented efficient **data structures and algorithms** in **C++** to optimize book searches and updates.
 - GitHub Repository:** <https://github.com/DEEPSHIKHA102/Library-Management-System>
- ONLINE FOOD ORDERING SYSTEM | A FRONTEND WEBSITE FOR ORDERING PIZZA** February 2024
 - Built a responsive frontend using **Angular 17** and TypeScript, featuring a dynamic cart system with add and remove functionality.
 - Utilized local storage to persist cart data, enhancing the user experience by allowing seamless navigation.
 - Styled the application using **HTML** and **CSS** to ensure a visually appealing and user-friendly interface.
 - GitHub Repository:** <https://github.com/DEEPSHIKHA102/Online-ordering-food-System>

CERTIFICATES / CERTIFICATIONS

- The Complete Web Development Bootcamp by Dr. Angela Yu (Udemy) October 2024
- Cloud Computing Certification | NPTEL (Swayam) October 2024
- Data Structures and Algorithms | Board Infinity June 2024
- Community Development Internship – Asha Welfare Society July 2023

EXTRA CURRICULAR ACTIVITIES

- SUMMER 2023 COMMUNITY DEVELOPMENT PROJECT | EDUCATION & ENVIRONMENTAL AWARENESS** June 2023
 - Educated over 100 young children and provided environmental awareness through a community development project.
 - Collaborated with an NGO to design and deliver an engaging curriculum. Combined theoretical learning with hands-on activities to promote sustainability and environmental awareness.

EDUCATION

- Lovely Professional University, Punjab, India** Punjab, India
Bachelor of Technology in Computer Science and Engineering | **CGPA: 7.16** Since September 2022 - Present
- Jawahar Navodaya Vidyalaya, Hardoi** Hardoi, Uttar Pradesh
Senior Secondary - **Percentage: 89.2%** April 2020 - March 2021
- Jawahar Navodaya Vidyalaya, Hardoi** Hardoi, Uttar Pradesh
High School - **Percentage: 85.6%** April 2018 - March 2019