

Deepshikha Pal

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🔗 <https://github.com/DEEPSHIKHA102>

INTERNSHIP / TRAINING

Data Structure and Algorithms – Board Infinity Intern

June 2024

SDE Training

- **About:** This training encompassed a thorough exploration of various data structures, including linked lists, trees, tries, and graphs. As a result of this experience, I significantly enhanced my problem-solving skills, enabling me to tackle complex challenges effectively.
- Enhanced problem-solving skills by mastering advanced data structures like linked lists, trees, tries, and graphs.
- 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:** Making a text-based platform to manage library, developing a strong problem-solving skill.
- **Tech stacks used:** C++, Data Structure and Algorithm

PROJECTS

THE HOME DÉCOR WEBSITE | FULL-STACK E-COMMERCE PROJECT

Oct 2024

- Designed and developed a full-stack e-commerce platform using **Angular 17** for the frontend and **Node.js/Express.js** for the backend.
- Implemented **MongoDB** for database management, enabling seamless storage and retrieval of 100+ product details.
- Optimized backend performance by implementing pagination, loading 10 products at a time to reduce server load.
- Github Repository Link: <https://github.com/DEEPSHIKHA102/The-Home-Decor>

ONLINE FOOD ORDERING SYSTEM | A FRONTEND WEBSITE FOR BUYING PIZZA

Aug 2024

- Built a responsive frontend using **Angular 17** and **TypeScript**, featuring a dynamic cart system with add/remove functionality.
- Utilized **localStorage** to persist cart data, improving user experience by allowing seamless navigation.
- Styled the application using **HTML** and **CSS**, ensuring a visually appealing and user-friendly interface.
- Github Repository Link: <https://github.com/DEEPSHIKHA102/Online-ordering-food-System>

CERTIFICATE / CERTIFICATIONS

- The Complete Web Development Bootcamp for 2024 by Dr. Angela Yu (Udemy) October 2024
- Server-side JavaScript with Node.js | Coursera April 2024
- HTML, CSS, and Javascript for Web Developers | Coursera April 2024

TECHNICAL SKILLS

- **Programming Languages :** Java, C, C++, SQL
- **Web Development :** Angular 17, Node.js, Express.js, MongoDB, React.js, HTML, CSS
- **Tools/Platforms :** Git, GitHub, LeetCode (100+ problems solved)
- **Soft Skills:** Data Science and Algorithm, Problem-Solving, Responsive Web Design, Project Management

EDUCATION

Lovely Professional University

Bachelor of Technology - Computer Science – 7.16(till 5th sem)

September 2022 Present

Punjab, India

Jawahar Navodaya Vidyalaya, Hardoi

Senior Secondary - Percentage – 89.2%

April 2020 – March 2021

Uttar Pradesh, India

Jawahar Navodaya Vidyalaya, Hardoi

High School - Percentage – 85.6%

April 2018 - March 2019

Uttar Pradesh, India

