Bommagani Vinay

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TECHNICAL SKILLS

Programming skills: Java, C++, Data Structures, Algorithms
Web Technologies: HTML, CSS, JavaScript, Node JS
Database: MongoDB , MySQL,

SUMMER TRAINING

Java course || Code Tantra   Aug 2023
- **Aim:** To gain a deep understanding of java course
- **Learning:** Enhanced critical thinking, problem-solving abilities and effective collaboration skills
- **Outcome:** Developed a software program to visualize sorting algorithms using java as part of training project.
- **Skills:** Improved proficiency in Java programming, algorithm design, and practical implementation of software projects.

PROJECTS

Algo-Simulator   Oct2023
Technologies : **JAVA**
- Implemented sorting algorithms (Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, Count Sort and Merge Sort) and Searching algorithms (Liner Search and Binary Search) in JAVA.
- Developed a user-friendly command-line interface for interactive data input, sorting visualization, and algorithm performance evaluation.
- Demonstrated proficiency in Java and Data Structures and Algorithms.
- Algorithm Analysis Incorporated time and space complexity analysis for each algorithm, allowing users to compare the efficiency of different sorting and searching techniques.

Tourism Management System || Web Application   Nov 2023
Technologies : HTML, CSS, JavaScript
- Developed a web-based platform designed to assist tourists in exploring destinations and managing trip bookings.
- Implemented a responsive and user-friendly interface for browsing destinations, viewing tour packages, and submitting inquiries.
- Utilized HTML to structure web pages and CSS to create visually appealing designs and ensure responsiveness across devices.
- Designed key features including a homepage with popular destinations, detailed destination pages with travel tips, and a booking inquiry form.
- Enhanced user experience through smooth navigation and a modern, visually engaging design.

Mini Twitter || Web Application   Apr 2024
Technologies : HTML, CSS, JavaScript, Node JS and MongoDB
- Implemented authentication and CRUD operations on MongoDB Database.
- Implemented features to add posts as photos or text, enhanced user engagement.
- Developed functionalities to update profiles, tweet to posts, edit tweet and delete accounts.
- Conducted extensive testing and debugging to identify and resolve issues, ensuring a smooth user experience.

Achivements

- Won first place in school-level Volleyball competition.   May 2020
- Runner up in Inter hostel tournament in badminton.   Mar 2019
- Won first place in school-level basketball .   Mar 2018

CERTIFICATES

- Programming in C++ | **Coursera**   Jun 2023
- Black box and while box testing| **Coursera**
- java course |**code tantra**   Aug 2023

Education

Lovely Professional University || Phagwara, Punjab   Since 2021
Bachelor of Technology in Computer Science and Engineering   GPA: 5.53

Sr Junior College || warangal, Telangana   2019 - 2021
Higher Secondary Schooling   GPA: 7.72

Tejaswi High School || warangal, Telangana   2018- 2019
Secondary Schooling   GPA: 9.3