SARVESH ANANT KULKARNI

Course : **B.Tech**, Computer Engineering, 2025 Email : [kulkarnisa22.comp@coeptech.ac.in](mailto:kulkarnisa22.comp@coeptech.ac.in) Mobile : 8668446202

CGPA : 7.75

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| **ACADEMIC DETAILS** | | | | | | |
| **COURSE** | **INSTITUTE/COLLEGE** | | **BOARD/UNIVERSITY** | | **SCORE** | **YEAR** |
| DIP | Goverment Polytechnic , Kolhapur | | Autonomous | | 97.31  % | 2022 |
| CLASS X | Shri Vasantrao Jaywantrao Deshmukh English School ,Kolhapur | | Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE) | | 88.6 % | 2019 |
| **Subjects / Electives**  **Technical Proficiency** | | Data Structures and algorithms, OOP using C++, C Programming, Data Communication , Web page designing, Database Management System, Operating System, Computer Networks. | | | | |
| C Programming, C++ Language, React.js, JavaScript, Git, HTML, CSS3, SQL, Java, Firebase, PHP development | | | | |
| **PROJECTS** | | | | | | |
| **Precision Power Equipments - React | Firebase | Redux | Express.js | MaterialUI Jun 2023 - Present**   * Developed and launched an intuitive e-commerce platform offering product browsing, purchasing, and chatbot support. * Integrating a secure payment gateway ensuring seamless transactions for customers. * Managed customer data, including warranty information, through an efficient admin panel, enhancing tracking and retrieval capabilities. * Github Link : PrecisionPowerEquipments   **No SQL Implementation - Data Structures and Algorithms | HashMap | AVLTrees Mar 2023 - Apr 2023**   * Implemented NoSQL database solution with JSON data format seamless CRUD operations and data management. * Developed robust functionality for exporting documents, collections, and users. * Contributed to improved data storage and retrieval by utilizing NoSQL technologies, enhancing effectiveness. * Github Link : No SQL Implementation   **GPKP@OneTouch - Web Development | MySQL | PHP Jan 2022 - Apr 2022**   * A dynamic questioning and answering platform effectively addressing real-time crowd-related challenges. * Designed and built user and admin modules, enabling seamless interaction between users and administrators. * Implemented notifications and email features, ensuring a fully responsive website for optimal user experience. * Github Link : GPKP@OneTouch | | | | | | |
| **CERTIFICATIONS** | | | | | | |
| **CERTIFICATION** | | | | **CERTIFYING AUTHORITY** | | |
| **Certified for OOPS in C++ guided path course.** | | | | Coding Ninjas | | |
| **Certified for Basics Of C++ guided path course.** | | | | Coding Ninjas | | |
| **Responsive Web Design** | | | | freeCodeCamp | | |
| **React front to back** | | | | Udemy | | |
| **COMPETITIONS** | | | | | | |
| **Code Combat , Technovate 2K23 organized by PCCOE , Pune Apr, 2023**  **Compile IT , TECHUMEN'23 organized by Walchand College Of Engineering, Sangli Apr, 2023**  **Inspiron 2.0 National Level Hackathon organized by COEP Technological University Mar, 2023**  **Codathon by NIT Bhopal Feb, 2023**  **Centrico Codifica,Flip-It Mindspark 2K22 organized by COEP Technological University Jan, 2023**  **C Programming , TechnoEnhance-2K22 organized by Government Polytechnic , Kolhapur May, 2022**  **Web-Dev , TechnoEnhance-2K22 organized by Government Polytechnic,Kolhapur May, 2022**  **C Programming , TechUtsav-2K21 organized by Shivaji Polytechnic Sangola Jun, 2021**  **Techno C organized by Government Polytechnic, Jun, 2021**  **C - Quest Competition,Inspire-21 organized by Goverment Polytechnic , Karad May, 2021** | | | | | | |
| **POSITION OF RESPONSIBILITY** | | | | | | |

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| **Coordinator at COFSUG - COEP's Free and Open Source User's Group Oct 2022 - Present**  **Head of Core Committee Team at ITSA - Government Polytechnic, Kolhapur Jan 2022 - May 2022**  **Class Representative - Goverment Polytechnic, Kolhapur Jul 2021 - May 2022** |
| **CONFERENCES AND WORKSHOPS** |
| **MERN Stack**  Organized by: **COFSUG club at COEP** | Date: **Mar 2023**  Successfully organized and facilitated a comprehensive MERN Stack workshop, providing participants with hands-on experience in developing full-stack web applications using MongoDB, Express.js, React.js, and Node.js. |
| **VOLUNTEER EXPERIENCE** |
| **COFSUG** - Role: Coordinator | Cause: Education **Nov 2022 - Present**   * Led a team of dedicated volunteers in promoting the adoption and utilization of free and open-source software among students and the wider * community . Facilitated workshops , events , and initiatives to foster technical proficiency , collaboration , and innovation in the field of open-source technology . |
| **PUBLICATIONS** |
| **Count number of nodes in a complete Binary Tree Journal name: GeeksforGeeks | Publication date: Jul 23, 2023**   * I have improved this article ,I added added new algorithm / approach to the problem. * Achieving O(1) space complexity, my algorithm eliminates the need for storing elements in data structures and leverages efficient link modifications to count nodes in tree structures. * Innovative solution: By bypassing recursive functions and optimizing memory usage, ensuring constant space opens new possibilities for space-efficient computations.   **Number of nodes using O(1) Space Journal name: Medium | Publication date: Jul 11, 2023**   * Achieving O(1) space complexity, my algorithm eliminates the need for storing elements in data structures and leverages efficient link modifications to count nodes in tree structures. * Innovative solution: By bypassing recursive functions and optimizing memory usage, ensuring constant space opens new possibilities for space-efficient computations. |
| **EXTRA CURRICULAR ACTIVITIES** |
| **COFSUG coordinator**  Led team, promoted open-source software, facilitated workshops, fostered collaboration, innovation.  **Guitarist**  Accomplished intermediate guitarist with proficiency in various playing styles, showcasing technical skills, musicality, and a strong passion for creating captivating melodies.  **Intermediate chess player**  Intermediate chess player with a 1200 rating, demonstrating strategic thinking, tactical awareness, and problem-solving abilities in competitive gameplay. |
| **LANGUAGES KNOWN** |
| English,Hindi,Marathi |