SARVESH ANANT KULKARNI
Course : **B.Tech**, Computer Engineering, 2025
Email : kulkarnisa22.comp@coeptech.ac.in
Mobile : 8668446202
CGPA : 7.75

COEP

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	Data Structures and algorithms, OOP using C++, C Programming, Data Communication , Web page designing, Database Management System, Operating System, Computer Networks.
Technical Proficiency	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

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