



SARVESH ANANT KULKARNI

Course : **B.Tech**, Computer Engineering, 2025
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CGPA : 7.75



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, Linux, Operating System, Computer Networks, Mobile application development, Software Engineering, Java Programming, Cloud Computing		
		C Programming, C++ Language, React.js, JavaScript, Git, HTML, CSS3, SQL, Java, Firebase, PHP development		
Technical Proficiency				
PROJECTS				
Precision Power Equipments - React Firebase Redux Express.js MaterialUI			Jun 2023 - Present	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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 JQuery			Jan 2022 - Apr 2022	
<ul style="list-style-type: none">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 <ul style="list-style-type: none">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 .	Nov 2022 - Present
PUBLICATIONS	
Count number of nodes in a complete Binary Tree <ul style="list-style-type: none">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.	Journal name: GeeksforGeeks Publication date: Jul 23, 2023
Number of nodes using $O(1)$ Space <ul style="list-style-type: none">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.	Journal name: Medium Publication date: Jul 11, 2023
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	