

**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	Government Polytechnic , Kolhapur	Autonomous	97.31 %	2022
CLASS X	Shri Vasantao Jaywantrao Deshmukh English School ,Kolhapur	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	88.6 %	2019

<b>Subjects / Electives</b>	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
<b>Technical Proficiency</b>	C Programming, C++ Language, React.js, JavaScript, Git, HTML, CSS3, SQL, Java, PHP development, Firebase

**PROJECTS**

<b>Precision Power Equipments - React   Firebase   Redux   Express.js   MaterialUI</b>	<b>Jun 2023 - Present</b>
<ul style="list-style-type: none"><li>Developed and launched an intuitive e-commerce platform offering product browsing, purchasing, and chatbot support.</li><li>Integrating a secure payment gateway ensuring seamless transactions for customers.</li><li>Managed customer data, including warranty information, through an efficient admin panel, enhancing tracking and retrieval capabilities.</li><li>Github Link : <a href="#">PrecisionPowerEquipments</a></li></ul>	
<b>No SQL Implementation - Data Structures and Algorithms   HashMap   AVL Trees</b>	<b>Mar 2023 - Apr 2023</b>
<ul style="list-style-type: none"><li>Implemented NoSQL database solution with JSON data format seamless CRUD operations and data management.</li><li>Developed robust functionality for exporting documents, collections, and users.</li><li>Contributed to improved data storage and retrieval by utilizing NoSQL technologies, enhancing effectiveness.</li><li>Github Link : <a href="#">No SQL Implementation</a></li></ul>	
<b>GPKP@OneTouch - Web Development   MySQL   PHP   JQuery</b>	<b>Jan 2022 - Apr 2022</b>
<ul style="list-style-type: none"><li>A dynamic questioning and answering platform effectively addressing real-time crowd-related challenges.</li><li>Designed and built user and admin modules, enabling seamless interaction between users and administrators.</li><li>Implemented notifications and email features, ensuring a fully responsive website for optimal user experience.</li><li>Github Link : <a href="#">GPKP@OneTouch</a></li></ul>	

**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 Government Polytechnic , Karad	May, 2021

**POSITION OF RESPONSIBILITY**

<b>Coordinator at COFSUG - COEP's Free and Open Source User's Group</b>	<b>Oct 2022 - Present</b>
<b>Head of Core Committee Team at ITSA - Government Polytechnic, Kolhapur</b>	<b>Jan 2022 - May 2022</b>
<b>Class Representative - Goverment Polytechnic, Kolhapur</b>	<b>Jul 2021 - May 2022</b>

<b>CONFERENCES AND WORKSHOPS</b>
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<b>MERN Stack</b> Organized by: <b>COFSUG club at COEP</b>   Date: <b>Mar 2023</b> 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.
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<b>VOLUNTEER EXPERIENCE</b>
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<b>COFSUG</b> - Role: Coordinator   Cause: Education • 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 .	<b>Nov 2022 - Present</b>
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<b>PUBLICATIONS</b>
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<b>Count number of nodes in a complete Binary Tree</b> • 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.	<b>Journal name: GeeksforGeeks   Publication date: Jul 23, 2023</b>
<b>Number of nodes using O(1) Space</b> • 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.	<b>Journal name: Medium   Publication date: Jul 11, 2023</b>

<b>EXTRA CURRICULAR ACTIVITIES</b>
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<b>COFSUG coordinator</b> Led team, promoted open-source software, facilitated workshops, fostered collaboration, innovation.
<b>Guitarist</b> Accomplished intermediate guitarist with proficiency in various playing styles, showcasing technical skills, musicality, and a strong passion for creating captivating melodies.
<b>Intermediate chess player</b> Intermediate chess player with a 1200 rating, demonstrating strategic thinking, tactical awareness, and problem-solving abilities in competitive gameplay.

<b>LANGUAGES KNOWN</b>
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English, Hindi, Marathi
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