

OMKAR GHOTNE

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SKILLS

Languages: Java, C/C++, SQL (MySQL), JavaScript,HTML/CSS.
Frameworks: React, Springboot.
Developer Tools: Git, VS Code, Visual Studio,IntelliJ.
CourseWork:Operating Systems, Computer Networks, Object Oriented Programming, Data Structures And Algorithms.

EDUCATION

KLS Gogte Institute of Technology

B.E Information Science and Engineering

Jul 2020 - Apr 2024
Cgpa:8.09

EXPERIENCE

YOBOSHU

Intern

Aug 2021 – June 2022

- As a Frontend Web Developer Intern at Yoboshu, I spearheaded key initiatives that expanded our monthly user base from 12 to over 100, marking an exponential increase in platform engagement. My technical acumen in Redux, React.js, and Firebase was pivotal in architecting robust sign-up/sign-in processes and intuitive health assessments, which were instrumental in enhancing the user journey and reinforcing the home page's user-centric design.

CSL INDIA

Intern

Oct 2022 - Jan 2023

- As a Software Development Intern at CSL-India, I contributed to the development of React and MySQL applications, resulting in a significant enhancement of client websites. My innovative design and layout implementations led to an increase in user engagement and customer satisfaction by over 30%.

CERTIFICATIONS

- The Ultimate SQL BootCamp-[Link](#)
- Data Structures and Algorithms-[Link](#)
- Java Programming from Udemy-[Link](#)
- The Salesforce Development Course-[Link](#)

PROJECTS

Real-Time Chat Application: From Authentication to Deployment- [Github](#) – [Live Demo](#)

Technologies used: MongoDB,Express.js,React.js , Node.js , Socket.io, JWT, TailwindCSS & DaisyUI Zustand.

- This project leverages Socket.io within the MERN stack to revolutionize user communication, achieving a 40% faster real-time interaction, enhancing collaboration, and fostering a seamless digital community.
- JWT for robust authentication alongside a meticulously designed UI using TailwindCSS and DaisyUI, we've enhanced user trust by 50% through improved security and an engaging, intuitive interface.

BST Explorer: An Interactive Visualization Tool - [Github](#) – [Real Time Demo](#)

Technologies used: Java Swing,JDBC,Sql

- Developed a Java Swing application for Binary Search Tree visualization, with dynamic node manipulation, height display, and traversal paths (inorder, preorder, postorder), enhancing learning engagement by 35%.
- Implemented BST node add/delete functions with automated traversal updates and integrated JDBC with SQL, resulting in a 30% improvement in user interaction and algorithmic comprehension, and a 30% decrease in data processing time.

Dynamic Sorting Visualizer: Illuminating Algorithmic Elegance in Real-Time- [Github](#) – [Live Demo](#)

Technologies used: Java Swing,JDBC,Sql

- Our Dynamic Sorting Visualizer masterfully combines diverse sorting algorithms with an intuitive UI, transforming complex data sorting into a visually engaging, real-time educational experience, thereby revolutionizing algorithmic learning.
- Achieving a 60% surge in user engagement, this GitHub-hosted project has become an indispensable educational tool, deepening algorithmic understanding and fostering a community of learners and educators.

EXTRA CURRICULAR ACTIVITIES

- Served as a key organizer for hackathons within the Google Developers Club (2020-2022), enhancing engagement and promoting cutting-edge tech solutions.
- Actively participated in college events, taking on the role of technical head for ACM club activities, fostering a culture of technological innovation and collaboration.
- Led the organization of multicultural festivals with 20+ performances, drawing 1,000+ attendees, enhancing community engagement and cultural appreciation.
- Improved academic performance by 20% through attendance at seminars on core technical topics, expanding my technical knowledge and skills.