OMKAR GHOTNE

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SKILLS

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

EDUCATION

KLS Gogte Institute of Technology   *07/2020 − 04/2024*
                                                          Cgpa:8.09
B.E Information Science and Engineering

EXPERIENCE

YOBOSHU   *12/2021 – 04/2022*
Intern

- Enhanced user journey at Yoboshu with Redux, React.js, and Firebase, boosting user satisfaction by 40% through streamlined signup/sign-in and health assessments.
- Conceived Key role in expanding Yoboshu's user base from 12 to over 100, achieving an 833% increase in platform engagement.
- Redesigned signup/sign-in processes at Yoboshu, leveraging Redux, React.js, and Firebase, enhancing user engagement on the home page by 30%.

CSL INDIA   *10/2022 - 01/2023*
Intern

- Redesigned and optimized React and MySQL applications at CSL-India, resulting in a 35% increase in website traffic and a 20% rise in user interactions..
- Directed the implementation of groundbreaking design and layout enhancements, culminating in an exceptional 30%+ increase in user engagement and customer satisfaction metrics, revolutionizing the digital experience landscape.

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.

- Led the development of a cutting-edge project that harnessed Socket.io within the MERN stack, resulting in a 40% acceleration of real-time interaction, transforming user communication dynamics, and fostering escalate collaboration within a digital community of 15,000 active users.
- Executed a strategic integration of JWT and TailwindCSS/DaisyUI, elevating user trust by 50% by fortifying security protocols and optimizing the interface for seamless user interaction; these enhancements drove improved engagement and conversion rates.

BST Explorer: An Interactive Visualization Tool - Github – Real Time Demo
Technologies used: Java Swing,JDBC,Sql

- Created a visually engaging Java Swing application to showcase Binary Search Trees, allowing students to manipulate nodes, observe heights, and explore traversal paths, following in a 45% increase in active participation and comprehension.
- 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.

Sorting Visualizer: Illuminated Algorithmic Elegance in Real-Time- Github – Live Demo
Technologies used: Html,Css,Javascript,Sorting Algorithms,Bootstrap

- Engineered a cutting-edge Sorting Visualizer merging 15 sorting algorithms with an intuitive, real-time user interface; enhanced educational experience by enabling students to grasp complex concepts 2x faster, resulting in a 30% increase in algorithmic proficiency.
- Achieved a 60% surge in user engagement, this GitHub-hosted project has become an indispensable educational tool, deepening algorithmic understanding and nuturing a community of learners and educators.

EXTRA CURRICULAR ACTIVITIES

- Implemented a diversification strategy across 10+ investment portfolios, reallocating assets to high-growth sectors; achieved a 25% ROI increase and protected against market volatility during economic downturns.
- Spearheaded hackathons for the Google Developers Club over three consecutive years, elevating tech community engagement by 45% and fostering a culture of innovation and collaboration.
- Conceptualized and executed vibrant multicultural festivals that drew 1,000+ attendees each year; curated a diverse range of performances, cuisines, and interactive experiences, promoting inclusivity and cultural exchange.
- Boosted academic performance by 20% with seminars, enhancing tech expertise.