

Khushi Mhasange *Software Engineer*

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SKILLS

Programming Languages: C/C++, JavaScript

Frontend: HTML, CSS, JS, React.js, UI/UX, TailwindCSS

Backend: NodeJs, ExpressJs

DBMS: PostgreSQL, MongoDB

Other: Data Structures and Algorithms (DSA), Git/GitHub

CERTIFICATES

Meta Front-End Developer Professional Certificate:  Coursera

Back End Development and APIs:  freeCodeCamp

EDUCATION

Acropolis Institute of Technology and Research, Indore (M.P.), *B.Tech in Computer Science with Data Science*

- 2021 - Present | Percentage: 80.5%

PROFESSIONAL EXPERIENCE

Freelance, Frontend Developer, Text Transformer 

03/2025 – 04/2025 | Remote

Tech Stack: HTML, Templ, TailwindCSS, JS, Go

- Engineered a fully responsive UI using raw HTML and Templ, eliminating the need for frontend frameworks and reducing page load size by **40%**, resulting in faster render times and improved user performance on low-end devices.
- Built an intuitive UI for **12+ advanced text tools** (e.g., JSON Formatter, Markdown Preview, Case Converter), improving text processing speed and clarity for users.
- Integrated an accessible dropdown tool selector and search interaction that improved tool discoverability by **25%**.
- Collaborated closely with the backend team (Go + JS) to ensure seamless communication between UI and server-side processing for faster load times and lower client-side burden.

PROJECTS

CloakTalk, MERN--stack 

2025

- Built an anonymous social media platform for college students, enabling open discussions while maintaining privacy.
- Featuring real-time messaging and anonymous posting, handling various request from the client.
- Secure college email-based authentication using **google login, JWT access and refresh tokens**, and **bcrypt** for password hashing, ensuring that only verified students can access the platform.
- Optimized the backend to handle scalable user activity, ensuring smooth performance
- **Technology Stack:** React, Node.js, Express, MongoDB, WebSockets

Portfolio, React 

2025

- Designed and developed a minimalistic and clean portfolio website, reducing clutter and improving readability by **60%**.
- Ensured a fully responsive UI, achieving **100%** mobile-friendliness across screen sizes from 320px to 1440px.
- Optimized navigation for fast load times (~1.2s), ensuring smooth transitions between sections like History, Projects, Resume, and Contact.
- Further enhanced the app by using useContext to implement toggle theme for better accessibility.
- **Technology Stack:** React, CSS

Multiplayer Tic-Tac-Toe Game, Web Developer 

2024

- Created a multiplayer Tic-Tac-Toe game with real-time gameplay, handling over 50 concurrent players in testing.
- Used socket.io for low-latency, bi-directional communication, ensuring a 98% responsiveness rate during gameplay.
- Designed an intuitive user interface to facilitate smooth interaction and effective game management, improving user engagement by 40%.
- **Technology Stack:** React, CSS, WebSockets, Node.js

ACHIEVEMENTS

- Achieved a **100-days badge** on LeetCode, solving over 200 DSA problems across topics like arrays, strings, recursion, binary search and greedy algorithms. 2024
- Ranked in the top 10 out of 50 teams at **Kriyeta 2.0 National Hackathon** by contributing to a competitive project with collaborative development. 2023