

SUMMARY

Enthusiastic and detail-oriented Computer Science undergraduate with strong foundational knowledge in full-stack web development, object-oriented programming, and modern frontend frameworks. Skilled in building responsive, user-friendly web applications using JavaScript, React, Node.js, and MongoDB. Passionate about solving real-world problems through scalable, clean code. Actively building impactful personal projects and eager to contribute in a collaborative team environment.

PROJECTS

Personal Portfolio Website

Tech Stack: HTML, CSS, JavaScript

- Built a responsive portfolio website using HTML5, CSS3, and JavaScript to showcase projects and skills.
- Designed interactive UI with typing effect, particle background, and modal work cards.
- Fixed skills carousel to ensure smooth display of all technical proficiencies.
- Optimized for mobile responsiveness.
- Deployed on GitHub Pages to establish online professional presence.

Portfolio Website Link: <https://sugandhatiware01.github.io/Portfolio/>

GitHub Link: <https://github.com/sugandhatiware01/Portfolio>

Convo – Real-Time Chat Application

Tech Stack: React, Node.js, Express.js, MongoDB, Socket.IO, WebSocket, Google OAuth, Figma

- Designed and developed a full-stack real-time chat application with secure user authentication, profile picture uploads, and responsive UI/UX.
- Engineered the frontend using React with theme toggling, interactive modal and Google OAuth login for a seamless user experience.
- Built the backend using Express.js, MongoDB, and Socket.IO to handle RESTful APIs, user sessions, and real-time messaging via WebSocket.
- Created scalable Mongoose schemas and integrated Google OAuth with proper CORS handling and error resolution (OAuth 404s, rendering bugs).
- Designed the entire UI/UX in Figma and implemented it in code.
- Deployed frontend on **Vercel** and backend on **Render**, achieving smooth integration with production-ready scalability.

Convo Website Link: <https://convo-frontend.vercel.app/>

Convo Figma Link: <https://www.figma.com/design/uWJnkfmJSYpx4ThbRYZ9tV/Untitled?node-id=0-1&p=f&t=szzajzac5VrQcfdde-0>

Convo GitHub Link: <https://github.com/sugandhatiware01/convo-frontend>

Jazzify – Music Streaming Platform

Tech Stack: HTML, Tailwind CSS, JavaScript, PHP, MySQL, Google OAuth, Spotify API

- Engineered a feature-rich music streaming web app with user authentication via email and Google OAuth for seamless onboarding.
- Integrated Spotify API and supported pre-downloaded local tracks to deliver a diverse music library with real-time search functionality.
- Developed an interactive audio player with loop, playback speed control, and download capabilities.
- Designed and managed a relational MySQL database to store user profiles ensuring data consistency and scalability.
- Built responsive UI using Tailwind CSS, maintaining performance.

GitHub Link: <https://github.com/sugandhatiware01/Jazzify>

SKILLS

PROGRAMMING LANGUAGES: Java, C++, C

FRONTEND DEVELOPMENT: HTML, CSS, JavaScript, React, Next.js, Tailwind CSS, Figma

BACKEND DEVELOPMENT: Node.js, Express.js, PHP

DATABASES: SQL, PL/SQL, MongoDB, Firebase

TOOLS AND PLATFORMS: Git, VS Code

CS FUNDAMENTALS: Data Structures and Algorithms, RESTful AP

EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY · Jul 2023 - Present

Bachelor of Technology Computer Science & Engineering

Delhi Public School, Kashipur · Mar. 2022 to Mar. 2023

Class 12th [PCM]

97%

Delhi Public School, Kashipur · Mar. 2020 to Mar. 2021

Class 10th [CBSE Board]

98%