

SANIDHYA SHIKHAR

Front-End Developer

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Portfolio: <https://sanidhyashikhar.github.io/SanidhyaPortfolio>

Profile Summary

Experienced Front-End Developer with 3+ years of expertise in designing and deploying sophisticated user interfaces for cloud-based applications. Demonstrated ability to enhance user experiences and streamline cloud deployments, leading to significant client transitions and labour reductions.

Skills and Tech Stack

- **Languages:** HTML5, CSS3, JavaScript (ES6+)
- **Frameworks/Libraries:** React.js, jQuery, Redux, RTK Query, React Router, TypeScript, createJS Library, Express.js, Chart.js, Tailwind CSS, Material UI
- **Tools:** NPM, Git, GitHub, Bitbucket, Webpack, Babel
- **Backend:** Node.js
- **Database:** AWS DynamoDB
- **Performance Optimization:** Lazy Loading, Code Modularization, Service Workers, W3C Standards
- **Accessibility & SEO:** WCAG, ARIA, SEO Best Practices
- **APIs:** RESTful APIs, Salesforce API, Firebase
- **Cloud:** AWS, EC2, AWS Lambda
- **Cloud Architecture:** Server/Serverless
- **Major Features Used:** Async/Await, HTML Canvas, Ajax, Event Listeners, CSS Grid, CSS Media Queries, Fetch API

Experience

FRONT-END DEVELOPER | CLOUDBYZ | JUNE 2021-PRESENT

ClinRedact: Document Redaction Tool

- Spearheaded the design and development of a medical document redaction UI.
- Resulting in a client migration due to a **50%** improvement in user experience.

ClinExtract: Document Extraction Tool

- Engineered a comprehensive UI system for automated data extraction from cloud-sourced documents.
- Reducing client's manual effort by up to **80%** and significantly accelerating the review process.

ConvoNext: Real Time Chat App

- A real-time messaging and media streaming platform enabling seamless communication and collaboration.
- Built a responsive real-time chat interface, improving communication efficiency by **60%**.

ClinSignature: Document Signature Tool

- Simplified and improved document handling efficiency by **30%**, and designed an intuitive UI for tracking document statuses, enhancing user experience and interaction by **25%**.
- Implemented real-time document updates, ensuring users always have the latest information on their signed documents.

Education

- B. TECH(CSE)| JUNE 2020 | SRM UNIVERSITY SONEPAT
- HIGHER SECONDARY | MAY 2016 | GGPS BOKARO
- MATRICULATION | MAY 2014 | CHINMAYA VIDYALAYA BOKARO

Certifications

- The Complete 2024 Web Development Bootcamp by Angela Yu (Udemy)
- The Complete JavaScript Course 2024: From Zero to Expert! By Jonas Schmedtmann (Udemy)
- Version Control with Git by Atlassian(Coursera)

Self-Initiated Projects

MedStore: A dynamic e-commerce platform providing seamless shopping experiences with real-time product updates and secure transactions.

Key Contributions:

- Designed and developed a fully responsive UI, improving overall user interface performance by **20%**.
- Integrated secure APIs for real-time product updates and seamless user authentication, enhancing transaction speed and reliability by **25%**.
- Implemented performance optimization techniques, reducing load times by **30%** and improving overall responsiveness by **25%**.

MedLogistics: An interactive social media dashboard for real-time performance tracking and analytics across multiple platforms.

Key Contributions:

- Created an interactive dashboard that improved data visualization and tracking speed by **40%**.
- Integrated Firebase for scalable and secure data management, improving data syncing efficiency by **35%**.
- Designed a flexible authentication system, strengthening data security by **20%**.