

Suman Sakshi

Full Stack Web Developer (MERN)

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Professional Experience

Software Engineer - I | Amasa Tech

2024 Aug – present | bengaluru, India

Amasa tech website :

Tech Stack: React.js | TypeScript | Tailwind CSS | Vite | DaisyUI

- **Developed and implemented an animated dropdown** with smooth transitions, improving user experience and providing reusable functionality across the application.
- **Created a marquee component to showcase technology stacks**, leveraging animation libraries to deliver a dynamic and responsive scrolling effect.
- **scroll-triggered image swap using GSAP**, It is an interactive scroll effect where images in a fixed position update in sync with scrolling content, improving user experience and visual engagement.
- **Maintained a scalable and modular codebase** by adhering to best practices in React and TypeScript, ensuring ease of maintenance and reusability.

Survey portal :

Tech Stack: React.js | Express | TypeORM | PostgreSQL | Multer | Axios | TypeScript | Tailwind CSS | yup

- **Designed** and set up the **database structure** for topic questions and surveys, making sure **data** is stored efficiently and can be easily accessed in **large applications**.
- **Developed APIs** to handle **dynamic survey** and question logic, ensuring seamless **communication** between the **frontend** and **backend** for **real-time data updates** and smooth **user experience**.
- Developed **robust APIs** for generating **survey reports**, streamlining the **collection** and **analysis of response data** to deliver key **insights** and support informed **decision-making**.
- **Automated survey tasks** using **cron jobs**, ensuring background processes like **reminders**, **data collection**, and **reporting** run on schedule.
- **Collaborated** with **cross-functional teams** to **integrate survey features**, like **participant flow**.
- **Optimized a slow-performing API** in the backend, reducing response time from **over 1 minute to 30 seconds**.

Blive :

Tech Stack: React.js | Vite | Tailwind CSS | tanstack/react-query | yup | axios | Formic

- Developed core **account management APIs** as part of a full-stack application.
- Integrated a **mail service** to handle user notifications and alerts.
- Implemented **Google Maps** integration on the frontend using **@react-google-maps/api** for location-based features.
- Built a **responsive UI** using **React**, **Vite**, and **Tailwind CSS**, ensuring cross-device compatibility.

Software Developer | Masai school

2022 Jan – 2024 Aug | bengaluru, India

Learning management system :

Tech Stack: Next.js | React.js | Node.js | TypeScript | GraphQL | MySQL | Prisma

- **Developed and integrated essential modules** like quizzes, assignments, messaging, and lecture views.
- Implemented an **end-to-end bulk upload feature**, reducing 90% of manual work for users by automating the process.
- **Enhanced application performance**, improving loading times and overall user experience.
- Implemented **caching** to reduce server load and speed up data retrieval.
- Developed a **student tag feature**, allowing admins to assign tags to students for better performance tracking.
- Built **reusable components** to improve code quality and maintain consistency across the application.
- Integrated **Clarity** and **Google Tag Manager (GTM)** on the LMS for improved tracking and analysis of student behavior.
- Built a **markdown editor** with custom upload functionality using **react-md-editor**.
- **Integrated the LMS with the Assess platform**, enabling seamless student assessments.

Skills

React.js | Next.JS | JavaScript | TailwindCSS | TypeScript | Node.Js | Git | CSS3 | HTML5 | MongoDB |
Mongoose | Redux | Express.Js | Type ORM | PostgreSQL | React native

Education

Full Stack Web Development

2021 Jul – 2022 Jan | bengaluru, India

Masai school

Successfully completed an intensive coding bootcamp where I became skilled in the MEARN stack. This rigorous training gave me practical, full-stack web development skills through hands-on projects and real-world applications.