

# Sujai Sriraman

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Fervent coder with more than two years of experience as a Software Developer. Code optimization and efficacy are the two most important elements that define my work

## Technical Skill

- **Programming Languages:** JavaScript, TypeScript, jQuery, C
- **Web Technologies:** HTML5, CSS3, SASS, TypeScript, React JS, Next JS
- **Tools:** Flock, Jira
- **Cloud Tools and Frameworks:** AWS
- **Versioning Systems:** Git
- **Platforms:** Web

## Work History

### Software Developer

**Mallow Technologies PVT LTD, Tamil Nadu, India**

**SparkPico (<https://app.sparkpico.com>)**

**Present**

**(React, jQuery, HTML5, SASS, Sagas, Redux, Alan Voice Assistance, AWS, Google maps, Record RTC, Ant Design, Webpack, Bugsnag, Sentry, WebEngage)**

- Spearheaded the development of robust front-end login authentication and validation systems, seamlessly integrated with optimised API calls, to effectively prevent invalid credential actions and enhance overall user security
- Designed and developed an intuitive client-side fallback UI/UX that elegantly handles invalid credentials exceeding login attempt limits, intelligently restricting access for a predefined period of time to enhance overall security and prevent potential security breaches
- Implemented a seamless journey for social login users within the application, providing a streamlined and user-friendly experience that significantly increased user engagement and retention
- Integrated third-party voice assistance technology into the application, empowering users to effortlessly add text, contacts, notes, and record audio and video with simple voice commands, greatly enhancing the overall user experience
- Leveraged React to create a suite of highly reusable components, utilising appropriate hooks to optimise the rendering time of costly components, resulting in a substantial reduction in overall load time and significantly improving the application's performance
- Developed an asynchronous process that facilitates seamless user interaction with media items while efficiently uploading them to the AWS S3 bucket, resulting in a highly streamlined and user-friendly experience
- Implemented customised alert modals within the application that intelligently identify error codes and communicate the severity of issues to users, significantly improving the overall user experience
- Constructed a comprehensive search journey featuring advanced filters and quick search options that dramatically minimise downtime and deliver rapid, precise results, vastly improving the efficiency and effectiveness of the application

- Integrated a third-party library into the application, enabling users to easily record audio and video, as well as capture images using their peripheral devices, enhancing the overall functionality and versatility of the application
- Configured Google Maps and associated APIs to fetch users' current location, as well as add and organise location-based data within the application, improving overall user convenience and usability
- Developed a highly intuitive Drag and Drop component within the application that allows users to effortlessly organise their data, significantly enhancing the overall user experience and increasing user satisfaction
- Collaborated with the Froala team to address and resolve text editor bugs, demonstrating exceptional communication skills and a commitment to ensuring the highest level of quality and user experience within the application
- Integrated a Move option against each folder within the application, enabling users to seamlessly move multiple folder items and folders between folders with ease and efficiency
- Implemented a user plan selection page within the application, carefully designing and optimizing the UI/UX to ensure that users can easily select and access the appropriate features based on their chosen plan, enhancing overall user satisfaction and engagement
- Implemented a swapping feature between boards and folders within the application for base plan users, significantly enhancing user convenience and making it easier to access and manage their data in a streamlined and efficient manner
- Significantly improved application performance and reduced unnecessary re-renders by utilising useMemo and useCallbacks, skilfully optimising recalculations to ensure that the application operates with maximum efficiency and speed
- Optimised the initial load of the application by implementing lazy loading techniques to manage folders, significantly reducing load times and enhancing the overall user experience

Gist (<https://app.getgist.com>)

(React, jQuery, HTML5, SASS, Sagas, Redux, AWS, Ant Design, Webpack)

- Maintained the application security by updating critical packages, including React, React-Script, Ant Design, and Node, as well as their associated dependencies, to their latest versions, effectively reducing vulnerabilities and preventing the risk of prototype pollution
- Developed a user-related personal drawer component within the application, specifically designed to filter the inbox based on selected tags and append tags to users to trigger live mail or ads from the chatbot integrated into the domain
- Enhanced code reusability by implementing dynamic reducer logic, effectively updating static details used across multiple fields within the application with ease and efficiency
- Integrated autosave greeting templates for onGoing users
- Followed best practices by successfully implementing ES6 modules to modularise the codebase, incorporating advanced features such as import/export statements and utilising key techniques, including arrow functions, const/let declarations, and destructuring objects, significantly enhancing application performance and maintainability

## Front End Web Developer Intern

Mallow Technologies PVT LTD, Tamil Nadu, India

Apr 2021 – Jun 2021

(React, SASS, Bootstrap, Ant Design, Redux, Sagas)

- Created website from scratch using HTML5, SASS, and Ant design
- Developed the login, signup and dashboard module and integrated it with back-endless database using Sagas and React

## Qualification

Bachelor of Engineering in Automobile

2020

- Anna University, India