

Pradeep Jawahar

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Summary

Experienced frontend developer with 5+ years of experience in building scalable, responsive, and maintainable web applications. Proficient in HTML, CSS, JavaScript, and various frontend frameworks and libraries. Strong leadership skills, having managed teams and mentored junior developers. Proven track record of delivering projects on time and exceeding client expectations.

Experience

Zomentum | Bangalore, Kamataka

Software Developer | 08/2021 - Present

- **Document Module** - Managed and enhanced a web-based quoting and proposal management system with a focus on streamlining the quoting process and providing a user-friendly interface. Responsible for Code review, Technical Documentation and unit test verification
- **PDF Generation** - Proposal documents have customized headers/footer for each page this needed processing of each. Optimized the time of PDF generation to less than 1 sec from 3 sec for customized header/footer and page number ensuring professional-looking document formatting
- **Mobile View** - Proposal Documents would be shared with the customer for signature or agreement. Which can be viewed in any device. Implemented responsive web design strategies to ensure optimal user experience across multiple devices for the Proposal Document.
- **Digital Signature** - Prior digital signature implementations lacked adequate logs and debugging tools in case a problem arose while the client was signing. A second third-party digital signature was implemented. This significantly increased customer satisfaction and decreased the number of failures by one-third.

Zoho(SalesIQ) | Tenkasi, Tamilnadu

Frontend Developer | 05/2018 - 07/2021

- **Conversation Module** - Lead a team of 3 junior engineers in Creating and maintaining modern communication features such as file sharing, audio call, reply and chat invite in the chat-based application.
- **Websocket** - We had implemented dynamic import of modules code to decrease the size of js in initial load. Implemented WebSocket communication for real time chats and supported live update of dynamically imported modules using PubSub pattern where the listeners can subscribe to events from the websocket.
- **Client Side logging** - Errors in FE were needed to be reported to the server. While the previous implementation posted the logs on every occurrence. Implemented client side logging with expiry support using indexed db. Significantly reducing the number of API calls by at least 10 times, optimizing the overall performance and responsiveness of the application.
- **Build Optimization** - Implemented chunk splitting and tree shaking using webpack. These optimizations have led to a reduction in the page load time, resulting in a time under 2 seconds from an original time of more than 5 seconds.

Projects

Audio Recorder

- Created an Audio recorder with playback support.
- implemented Visualization of the audio using canvas.

WYSIWYG Editor

- Working on a WYSIWYG editor using selections and ranges rather than the deprecated execCommand .

Skills

React, Typescript, JavaScript, HTML 5, CSS3, Tailwind, Jest, React Testing Library, Troubleshooting, AWS EC2, AWS S3

Education

PSNA College of Engineering and Technology | Dindigul, Tamilnadu

Information Technology | 05/2018