ARIVIGNESH M

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FRONTEND ENGINEER

Eager learner and doer, confidently embracing any challenge and always ready to dive into new fields of knowledge. Results-driven Frontend Engineer with over 2 years of experience, specialising in developing scalable web applications using HTML5, CSS, JavaScript and Vue.js. Proven expertise in enhancing user experience through UI/UX improvements and implementing real-time features.

TECHNICAL SKILLS

- **Frontend Development:** HTML5, CSS3, JavaScript, Vue, Vuex, React, jQuery, Less

- **APIs and Data Management:** REST, IndexedDB, Data Structures (DS)

- **Version Control and Build Tools:** GitLab, Webpack

PROFESSIONAL EXPERIENCE

ZOHO CORPORATION Chennai, India

Member Technical Staff   **JUL 2022 - Present**
                                                              (2+ Years)

- Owned and maintained the **chat widget**, addressing issues, implementing new features, and ensuring consistent performance.

- Led the revamp of the **chat widget** using Vue.js, enhancing user experience with improved **UI/UX** and streamlined functionality.

- Implemented **in-chat calling features**, enabling seamless voice and video communication.

- Developed and maintained **reusable, scalable common components**, reducing development time for future features and maintaining code consistency.

- Structured **Vuex store** and **router** to optimise state management and navigation flow for better scalability and maintainability.

- Implemented **client-side caching** to enhance **application load times** and minimize **server requests** by leveraging **IndexedDB**.

- Integrated **WebSocket** for real-time data updates, reducing unnecessary **XHR calls** and network overhead.

- Developed **50+ custom JSAPI** endpoints, allowing users to pass their data to the chat widget for personalised interactions.

- Implemented **JWT** authentication to manage user sessions securely and enhance application security.

- Collaborated with backend developers to align **API integration** and frontend logic, ensuring smooth data flow between server and client-side.

Project Trainee   **Feb 2022 - Jul 2022**
                                                                               (6 months)

- **Resolved chat widget issues** to improve stability and user satisfaction.
- Implemented **Storybook** to document and visually test common components, enhancing development workflow and ensuring component quality and consistency.

EDUCATION

VELAMMAL ENGINEERING COLLEGE Chennai, India
Bachelor in Computer Science Engineering 2018 - 2022 | CGPA - 8.3