KARUNAKARAN S **Frontend Software Engineer**

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PROFESSIONAL SUMMARY

Frontend Software Engineer with 3 years of hands-on experience, specializing in building high-performance, responsive UIs using React.js, Tailwind CSS, MUI and Bootstrap. Proven expertise in REST API integration (Axios/Fetch), complex state management (Context/Hooks), and delivering user-centric web applications under the Agile methodology. Strong track record in performance optimization and improving Lighthouse scores.

TECHNICAL SKILLS

Core Frontend	-	React.js (Hooks, Context), JavaScript (ES6+), HTML5, CSS3
Styling & UI	-	Tailwind CSS, Bootstrap, Material UI (MUI), Responsive Web Design
API & Data	-	REST API Integration, AJAX, Axios, Fetch, JSON
Tools & Dev	-	Git, GitHub, VS Code, Postman, Scrum/Agile, Unit Testing (Basic)
Backend/Other	-	Java, Spring Boot, MySQL, Drupal CMS (basic exposure)

PROFESSIONAL EXPERIENCE

Software Engineer | KRAN Consulting Pvt Ltd   Dec 2022 – Present | Trivandrum, India

- Performance Optimization: Developed and scaled complex web applications using React and functional components, improving the Google Lighthouse Performance Score from 65 to 90 by optimizing component loading and API calls.
- API Integration & State Management: Integrated RESTful APIs across all modules using Axios and Fetch, ensuring seamless data synchronization and client-server communication.
- Responsive UI Engineering: Engineered and maintained a custom design system using HTML5, CSS3, and Bootstrap, ensuring robust cross-browser compatibility and a high-quality mobile-first experience.

Web Developer Intern | Winzone Softech   May 2022 – Oct 2022 | Karaikudi, India

- Collaborated on the development of full-stack web applications, gaining foundational knowledge in front-end structure (HTML/CSS/JS) and leveraging backend support with PHP and MySQL.

KEY FRONT-END PROJECTS

Galaxy ALMS (Lifecycle Management System - React Focus)

- Led the front-end architecture for a 14-module system using React, focusing on robust state management and component reusability (built 10+ reusable UI components), significantly reducing development time.
- Integrated Java Spring Boot APIs and designed a consistent, modern UI/UX for project tracking and reporting modules.

KRAN & CPart Websites (Full-Scale Application Development) [KRAN Link]

- Executed complete front-end development for two production-ready web applications, from wireframing to deployment, ensuring cross-platform responsiveness and design fidelity.
- Implemented modern UI/UX patterns, directly leading to positive client feedback on usability.

SEEPZ G-Admin Modules & SmartCampus School Project (Classic Frontend Mastery) [SEEPZ Link]

- Solely responsible for the front-end implementation of multiple high-interactivity modules using HTML, CSS, Bootstrap, JavaScript, AJAX, and jQuery, ensuring consistent styling and form validation across the platform.

EDUCATION

BE - Mechanical Engineering (CGPA 8.02)   SNS College Of Technology | 2016 – 2020

LANGUAGE

- English, Tamil, Malayalam