# KALAISURYA.G

## FULL STACK DEVLOPER

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**Portfolio Link:** https://kalaiportfolio.vercel.app/

## OBJECTIVE:

With 4 years of experience as a ReactJS developer, I excel in designing and implementing responsive UI components using React concepts. I translate designs into high-quality code and maintain frontend performance while troubleshooting and debugging. My skills ensure enhanced functionality and a superior user experience.

## SUMMARY:

- With around 4 years of extensive programming experience, I specialize in designing user interface applications and professional web applications using HTML5, CSS3, Bootstrap, Material UI, TypeScript, JavaScript, ES6, JSON, ReactJS, Next JS, and Redux.
- Led the front-end development of multiple projects, implementing modern UI/UX practices. Extensive experience in utilizing ReactJS, including Virtual DOM, custom components, React-Router, and Redux for state management.
- Created style guides and set UI standards using frameworks like Bootstrap, React-Bootstrap, Tailwind, and Material UI for ReactJS applications. Implemented responsive designs to ensure accessibility across various devices and screen sizes.
- Efforts in optimizing and refactoring code have resulted in a 30% reduction in page load times used for ReactJS.
- I have collaborated closely with designers and back-end developers to ensure seamless integration of user interfaces with APIs.

## TECHNICAL SKILLS:

- **Languages:** JavaScript, HTML5, CSS3, TypeScript, JSX
- **Frameworks/Libraries:** ReactJS, Redux, React Router**,** Next JS**,** Styled Components, Chakra UI, NodeJS
- **Tools:** Git, npm, Yarn
- **Testing:** Jest, React Testing Library
- **APIs and Data Fetching:** RESTful APIs, GraphQL, Axios, Fetch API
- **Styling:** CSS, SASS, Bootstrap, Tailwind
- **Version Control:** Git, GitHub, Bitbucket
- **Other:** CICD, Responsive Design

## QUALIFICATIONS:

- Mater Of Computer Application **(MCA)** Coimbatore
  Karpagam Academy of higher education **2018 – 2020**

- Bachelor Of Computer Application **(BCA)** Krishnagar
  Sri Vidya Mandir Arts & Science College **2015-2018**

## SKILLS:

- ReactJS
- NodeJS
- Next.JS
- React Native
- JavaScript
- Redux Toolkit
- Context Api
- HTML
- CSS
- SASS
- BOOTSTRAP
- TAILWIND CSS
- RESPONSIVE UI Designs
- Unit Testing
- Figma
- Debugging
- GIT
- JSON

## PROJECTS:

**Project Title**: E-Commerce

### Description:

Developed a comprehensive e-commerce platform tailored for women, focusing on delivering a seamless and engaging online shopping experience. The platform integrated various payment gateways and social media authentication to enhance user convenience and security.

### Technologies Used:

HTML5, CSS3, Bootstrap, JavaScript, ReactJS, Redux, Next.JS, Node.JS, Stripe, PayPal, Google Authentication, LinkedIn Integration, Facebook Login, OTP Guni SMS (Australia).

### Responsibilities:

- Utilized ReactJS to create a dynamic and responsive user interface. Developed reusable components to ensure consistent design and functionality. Implemented modern UI/UX practices to enhance user experience and engagement.
- Used Node.JS to develop a scalable and efficient backend architecture. Integrated RESTful APIs to manage data flow between the frontend and backend seamlessly.
- Implemented secure payment gateways using Stripe and PayPal to provide users with multiple payment options.
- Enabled social login options via Google, LinkedIn, and Facebook to streamline user registration and login processes used in ReactJS.
- Integrated Guni SMS for OTP (One-Time Password) verification to ensure secure user authentication for customers in Australia.
- Optimized the codebase resulting in a 30% reduction in page load times used for ReactJS.

**Project Title**: Learning Management System (LMS) for Education

## Description:

Developed a Learning Management System (LMS) tailored for students from classes 1 to 12, providing comprehensive educational resources and exam preparation materials for NEET and JEE. The platform includes features for video lessons, chapters, PDFs, coupons, and OTP integration to enhance the learning experience and ensure secure access.

## Technologies Used:

HTML5, CSS3, Bootstrap, JavaScript, ReactJS, Redux, Node.JS, Razor Pay, Coupons, OTP.

## Responsibilities:

- Used ReactJS to create a user-friendly and interactive interface. Developed reusable components to maintain a consistent design and functionality across the platform. Implemented responsive design to ensure accessibility across various devices and screen sizes.
- Built a scalable backend using Node.js to handle data and user interactions efficiently. Integrated RESTful APIs for seamless communication between the frontend and backend.
- Implemented secure payment gateways using Razor Pay to facilitate user payments.
- Enabled the upload and management of educational videos, chapters, and PDFs. Developed features to categorize and organize content based on class levels and subjects. Integrated materials for NEET and JEE exams, including practice tests and study guides.
- Implemented a coupon system to allow students to avail discounts on courses and resources.
- Integrated OTP verification with a third-party integrated on ReactJS.
- Optimized the codebase resulting in a 30% reduction in page load times used for ReactJS.

**Project Title**: Kridas - Sports Platform for Men and Women

## Description:

Kridas is an all-inclusive sports platform catering to both men and women, providing a comprehensive range of features for sports enthusiasts. The platform includes a web application built with Next.JS for frontend and Node.JS for backend, along with a mobile app. It incorporates payment integration using Razor pay, social features such as liking, sharing, and commenting, as well as e-commerce functionalities to facilitate the purchase of sports-related products.

## Technologies Used:

HTML5, CSS3, Bootstrap, JavaScript, Redux, Next.JS, Node.JS, Razor pay, Like, Share, Comment. Integration for sports-related product purchases.

## Responsibilities:

- Utilized Next.JS to develop a fast and dynamic frontend interface for seamless user experience. Implemented responsive design principles to ensure accessibility across various devices and screen sizes. Integrated social features such as liking, sharing, and commenting to enhance user engagement.
- Built a robust backend using Node.JS to handle user authentication, data storage, and business logic. Integrated APIs for seamless communication between the frontend and backend. Implemented e-commerce functionalities to facilitate product browsing, selection, and purchase.
- Developed a mobile app compatible with iOS and Android platforms to extend the platform's reach. Integrated payment processing using Razor pay to enable secure transactions within the app.
- Integrated Razor pay for secure and seamless payment processing, allowing users to make purchases within the platform.
- Implemented features for users to like, share, and comment on sports-related content, fostering

community engagement and interaction.

- Facilitated the purchase of sports-related products within the platform, providing users with a seamless shopping experience.

**Project Title**: Digital Hiring Platform for Teachers

## Description:

The Digital Hiring Platform for Teachers is a Next.JS web application with a Node.JS backend designed to streamline the teacher recruitment process. It offers a user-friendly interface for teachers to apply for job opportunities seamlessly. The platform incorporates third-party OTP integration for secure authentication, Google integration for user verification, and featuring such as favoriting job listings.

## Technologies Used:

HTML5, CSS3, Bootstrap, JavaScript, Redux, Next.JS, Node.JS, Razor pay, Third-party OTP integration, Google integration, Favoriting job opportunities.

## Responsibilities:

- The platform's frontend, built using Next.js, offers an intuitive and responsive interface for teachers to browse available job opportunities, submit applications, and manage their profiles. The backend, powered by Node.JS, handles data storage, user authentication, and business logic to ensure smooth operation.
- One of the key features of the platform is its emphasis on security and user verification. Third-party OTP integration adds an extra layer of security during the registration and login process, ensuring that only authorized users can access the platform.
- Additionally, Google integration enables quick and reliable user verification, enhancing the credibility of user profiles.
- To enhance user experience and engagement, the platform includes featuring such as favoriting job opportunities. Teachers can easily mark job listings as favorites, allowing them to revisit and apply for preferred positions conveniently.
- Simplified the teacher recruitment process, saving time and effort for both educators and hiring institutions.

**Project Title**: Online Exam Platform for NEET and JEE Preparation

## Description:

The Online Exam Platform is tailored for NEET and JEE aspirants, providing a comprehensive solution for medical and engineering entrance exam preparation. Built with ReactJS for the frontend and Node.js for the backend, the platform incorporates features such as coupon integration, Razor pay payment processing, time management tools, score tracking, and question correction functionalities. Additionally, Redux is utilized for state management, ensuring a smooth and interactive user experience.

## Technologies Used:

HTML5, CSS3, Bootstrap, JavaScript, ReactJS, Redux, Node.JS, Razor Pay, Coupons, **Score Tracking, Time Management**.

## Responsibilities:

- Collaborating with frontend and backend developers to design and implement user interfaces and functionality. Developing frontend components and pages using ReactJS.
- Integrating Redux for state management to ensure a consistent and interactive user experience.

Implementing backend logic using Node.JS, user authentication, data storage, and exam functionalities.

- Provides tools for students to manage their time effectively during exams, with features such as countdown timers.
- Enables students to redeem coupons for discounted access to study materials or exams. Integrates Razor pay for secure and seamless payment transactions.
- Allows students to track their exam scores and monitor their progress over time. Provides immediate feedback on correct and incorrect answers, guiding students in their learning process used for ReactJS.
- Testing and debugging code to ensure the platform's functionality and performance. Contributing to the overall design and architecture of the platform to meet project requirements and goals.
- Provided students with a comprehensive online platform for NEET and JEE exam preparation. Offered a user-friendly interface with interactive features and tools to facilitate effective learning and exam practice used for ReactJS.

**Project Title**: Passionariai Student Web Application

## Description:

Passionariai is a student-focused web application designed to enhance the learning experience and facilitate communication among users. Developed using ReactJS for the frontend and Python for the backend, the platform incorporates Redux for state management and features a user-to-user chat system for seamless communication. Additionally, reusable components are implemented to ensure scalability and maintainability.

## Technologies Used:

HTML5, CSS3, Bootstrap, JavaScript, ReactJS, Redux, Python, Chat.

## Responsibilities:

- Collaborating with frontend and backend developers to design and implement user interfaces and functionality. Developing frontend components and pages using ReactJS, with a focus on usability and responsiveness.
- Contributing to the backend development using Python, including user authentication and chat functionalities. Testing and debugging code to ensure the platform's functionality and performance.
- Enables students to communicate with each other in real-time, fostering collaboration and knowledge-sharing. Implements reusable components to streamline development and ensure consistency in design and functionality across the platform.
- Manages student data efficiently, ensuring security and privacy while providing personalized user experiences. Utilizes Redux for efficient state management, ensuring a seamless and responsive user experience.

**DECLARATION:**

I here declare that the above given Information are True and Best of my Knowledge.

Thank You.