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Summary

- Skilled frontend developer specializing in React, React Native, JavaScript, HTML5, and CSS3.
- Successfully enhanced build performance by implementing optimizations that reduced load time by over 50%, by using **lazy loading and code splitting** techniques.
- Well versed in web development with deep understanding of Web component architecture, ES6, object-oriented JavaScript, Typescript along with proficiency in test driven development and unit testing.
- Knowledge at creating reusable React components and publishing them to NPM repositories for organization-wide use.
- Possess proven expertise in **Internationalization (i18n)** and Localization (l10n) for React applications. Successfully implemented solutions to support multiple languages and regions, ensuring a culturally appropriate and user-friendly experience for a global audience.
- Implemented robust client-side form validation and error handling using **Formik** for React applications. Leveraged React's native capabilities to create a seamless user experience with clear and actionable error messages, promoting accurate data submission.
- Pioneered innovative initiatives to streamline crash log acquisition, resulting in a notable 20% increase in bug resolution efficiency and ensuring error-free operation through the implementation of **Sentry**.
- Seamlessly integrated robust backend systems with **RESTful APIs using Axios** for efficient data management.
- Worked with advanced state management solutions, such as **Redux, or the Context API**.
- Good understanding of React's **virtual DOM**.
- Knowledgeable of leveraging React Hooks for efficient state management.
- Developed a highly successful hybrid application resulting in a remarkable 30% increase in market share.
- Demonstrated expertise in designing and delivering web, web responsive, and mobile applications.
- Committed to delivering high-quality code and providing effective leadership to development teams.

Experience



Lead Developer

Pi Square

Feb 2024 - Present (5 months)

- Designed and implemented a **Micro frontend architecture** using React, TypeScript, and Chakra UI, leveraging **Module Federation** for efficient code sharing and lazy loading of micro frontends.
- Utilized Module Federation for dynamic loading and communication between independent micro frontends built with React.
- Developed reusable and maintainable micro frontends using React and Chakra UI for a consistent and accessible user interface.
- Leveraged Chakra UI components and styling for efficient UI development across micro frontends.
- Demonstrated proficiency in component-based architecture and state management in React applications.
- Employed code-splitting and lazy loading techniques to optimize the loading time of micro frontends, resulting in improved user experience.



Module Lead

PurpleTalk

May 2022 - Jan 2024 (1 year 9 months)

- **Led a team of 10 developers** in the design, development, and implementation of complex or critical software modules, ensuring adherence to quality and project timelines, resulting in an increase of 10% productivity.
- Pioneered innovative initiatives to streamline crash log acquisition, resulting in a notable 20% increase in bug resolution efficiency and ensuring error-free operation through the implementation of Sentry.
- Integrated data visualization libraries like High charts and Power BI across various projects, enabling clear and interactive representations of complex data for improved user understanding.
- Collaborated with stakeholders to gather requirements, define project scope, and prioritize tasks, resulting in improved project planning and execution.
- Developed templates in React that dynamically render screens based on provided configuration, enabling flexible and adaptable user interfaces.
- Leveraged expertise as a React developer to contribute to the development of healthcare applications, ensuring adherence to industry standards and regulatory requirements for data security and user privacy.
- Developed dynamic forms in React that adapt and display new fields based on user input, creating a more intuitive and interactive user experience.
- Utilized tools like Webpack and Babel to streamline the development process and make code production ready.

- Utilized Redux DevTools to visualize state changes and debug state-related issues in real-time, accelerating development and troubleshooting processes.
- Optimized state updates using memorization to prevent unnecessary re-renders of components and improve performance, especially in large applications.
- Conduct application profiling using React profiler or web profiling to identify bottlenecks, tune performance by optimizing hot code paths
- Provided robust support for Continuous Integration/Continuous Deployment (CI/CD) pipelines, facilitating seamless integration and deployment processes for enhanced software delivery efficiency and reliability.
- **Led code reviews, optimized performance**, designed scalable systems and provided technical guidance across teams.
- Acted as a liaison between the development team and stakeholders, effectively communicating project status, risks, and mitigations, resulting in improved client satisfaction and retention.



Software Analyst

PurpleTalk

Nov 2018 - Apr 2022 (3 years 6 months)

- Crafted responsive and dynamic user interfaces leveraging **React and React Native**, ensuring optimal user experiences across platforms.
- Developed web applications using React and **React Router**, enabling seamless user navigation and a dynamic user experience without full page reloads.
- Collaborated closely with design teams, translating intricate mockups into functional components with precision and fidelity.
- Implemented robust data management and state handling utilizing **Redux** for seamless application flow and scalability.
- Worked on Animations using canvas, createjs and html5.
- Developed React mini app which can be included in other projects and run dynamically.
- Integrated diverse third-party APIs and libraries, enriching application functionality and enhancing user engagement.
- Conducted rigorous performance optimization and meticulous debugging, guaranteeing smooth and efficient application operation under diverse conditions.
- Partnered with QA teams to identify and rectify software defects, elevating overall product quality and user satisfaction.
- Engaged actively in agile development methodologies, contributing to daily stand-ups, sprint planning, and retrospectives for iterative project enhancement using tools like JIRA.
- Remained at the forefront of technological advancements, proactively researching, and adopting emerging tools and techniques to align with industry trends and encompassing ES6+ syntax and concepts, to ensure robust development across projects.

- Collaborated with stakeholders to gather requirements, delineate project scope, and provide accurate estimations, ensuring project alignment with business objectives.
- Enforced responsive design principles to deliver consistent and optimized user experiences across an array of devices and screen sizes.
- Optimized application performance and accelerated loading times through strategic code refactoring and meticulous performance tuning initiatives by using lazy load, code splitting.

techsophy

Associate Software Engineer

TECHSOPHY

Nov 2016 - Nov 2018 (2 years 1 month)

- Developed interactive and dynamic mobile applications using **React Native**.
- Implemented RESTful APIs to integrate with backend services and databases.
- Collaborated with UI/UX designers to ensure seamless integration of designs into functional user interfaces.
- Conducted thorough testing and debugging to identify and fix software defects.
- Maintained code documentation and version control using Git.
- **Built 5 mobile** apps during the span of 2 years when React Native is relatively new in the market and deployed them to **App Store and Google Play Store**.
- Key Features involve Push Notifications, Translations, Web View, Video Playing, Razor Pay, Image Crop picker, Back handling, Charts, DRM in android, Chat integration, Pdf picker, Social Sign in like LinkedIn, Facebook, Google etc.

Skills:

- **Programming Languages:** JavaScript, TypeScript, HTML, CSS
- **Frameworks and Libraries:** React, React Native, Redux, Node, Angular, Next, Ionic, Cordova
- **Front-End Development:** HTML5, CSS3, SASS, Bootstrap
- **Build Tools:** Webpack, Babel
- **Version Control:** Gitlab, GitHub, Azure, Bitbucket
- **IDE:** Android Studio, Xcode, VS Code.
- **Testing and Debugging:** Jest, Chrome DevTools
- **Database:** Firebase
- Agile Development Methodologies
- Strong problem-solving and analytical skills
- Excellent communication and leadership abilities

Education:

M.Sc Mathematics, BITS Pilani Goa campus

B.E Mechanical Engineering, BITS Pilani Goa campus

Project Work:

Company: PurpleTalk (Nov 2018 - present)

Limoneira - Jan 23 – Jan 24

Description: Limoneira is an Agriculture based Responsive web/mobile application which is designed to simplify the business process for their team to reduce manual resources, Standardize Architecture with optimal functionality and minimum redundancy. This app is available for 7 personas', handling multiple modules based on each user story. It also handles portal, Email, Mobile Notifications throughout the modules in the application. It comes as an ease to users or growers to login to the app using Microsoft Azure AD authentication, Data visualization by the help of dashboards for each persona, Power BI reports for in depth analysis of the count involved in the ranch.

Role: Lead

Technology stack: React

Responsibilities:

- Worked on integrating PowerBi.
- Worked on integrating Microsoft Azure login.
- Helped team in reducing Bugs.
- Code Reviews and performance optimization of the build.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

RTB - Aug 22 - Jan 23

Description: Offer B2B service to Authorized Title Companies to take "Industry Standard Title Practice" digital and reinforce the security standards with Blockchain technology. Develop web platform to be used by title companies & real owners. Develop a private/public blockchain to mint and store real titles as NFTs

Role: Lead

Technology stack: Next

Responsibilities:

- Worked on implementing Next.js.
- Helped team in reducing Bugs and did code reviews.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

EMD - May 22 - Aug 22

Description: EMD is a web application which is used by the client UGL to monitor their daily activities of Australian heavy duty electric locomotives. Using this application, the client can perform all CRUD operations based on the availability which internally reflects as a database management system for the UGL team.

Role: Lead

Technology stack: React

Responsibilities:

- Worked on creating a Library for components to use across all UGL projects.
- Worked on creating templates which can render screens based on configuration provided by analyzing requirements of the screens in the project.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

AMPLIFY – Jul 19 - May 22

Description: AMPLIFY is a healthcare teleconsulting platform that aims to assist patients connect to specialists indirectly by retaining an advocate as a hospitalist. A hospitalist is a general physician and the first point of contact for the patient. In case a Hospitalist will not be able to cure or diagnose the patient. The hospitalist will get in touch with the specialist with the help of the AMPLIFY app and will exchange patient status information. This exchange of information continues until the patient gets cured near the end of the consultation. Hospitalist arranges a call with a specialist and patient for the consultation. However, if a Specialist wants more consultation, he/she can go-ahead with more consults.

Role: Lead

Technology stack: React, Angular,ionic cordova

Responsibilities:

- Worked on integrating Zoom, Rich text editor using quill, reCAPTCHA.
- Stripe payment, Pdf upload and viewer.
- Mono repo Implementation
- Code Reviews, performance optimization.
- Followed Agile Methodology which involves daily scrums meetings and Sprint. meetings (planning, Review) to meet deadlines and expectations.

Akorbi Adapt – Jul 20 - Jan 21

Description: Akorbi is a women-led and minority-owned business that specializes in providing enterprise solutions that empower companies to achieve success in the global economy. ADAPT powered by Akorbi is a multimodal language services technology platform that allows clients to easily access interpretation services through phone, video or in-person scheduling, as well as document translation and localization services. The platform delivers all of this with unparalleled access to reporting and analytical data, which allows clients to track spending, savings, and engagement data.

Role: Lead

Technology stack: React

Responsibilities:

- Coordinate with the team regarding the tasks and make sure to get them done as per plan.
- Research and guide the team with issues and tasks implementation.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

Audvisor – Jul 19 - Jun 20

Description: Audvisor is a mobile platform that brings together some of the world's top experts that deliver bite sized wisdom in various business-related topics. All the insights are less than 3 minutes in length and 98% of insights were delivered specifically for Audvisor Users. It will have playlists and channels also.

Role: Lead

Technology stack: React Native

Responsibilities:

- Coordinate with the team regarding the tasks and make sure to get them done as per plan.
- Research and guide the team with issues and tasks implementation.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

Neopets - Jan 19 - Jun 19

Description: Neopets is a virtual pet website. Users can own virtual pets ("Neopets"), and buy virtual items for them using one of two virtual currencies. Neopets can be customized with certain clothing items, paint brushes, transformation potions, and accessories. Users can earn Neopoints from playing games. Games come in many different genres, which include action, puzzles, and luck & chance.

Role: Developer

Technology stack: React

Responsibilities:

- Worked on Animations using canvas, createjs and html5.
- Developed react mini app which can be included in other projects and run dynamically.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

DRL - IMS - NOV 18 - DEC 18

Description: Dr Reddy's is engaging PurpleTalk in the development of Incident Management System (IMS) application, a solution which will be used to streamline incident raising, Incident investigation, Incident Reporting and CAPA management. An incident is any anomalous occurrence which might affect the quality of the product. When an incident occurs investigation needs to be done. Incident management without this tool is done manually by **creation** of reports and getting approvals on paper. Tool would be used to decrease TAT, increase visibility of the process, and capture more structured data.

Role: Developer

Technology stack: React

Responsibilities:

- Developed dynamic form based on user input dynamic fields will appear.
- Developed CAPA forms and review forms.
- Followed Agile Methodology which involves daily scrums meetings and Sprint meetings (planning, Review) to meet deadlines and expectations.

Company: Techsophy (Nov 2016 - present)

I2D food – www.i2dfood.com

- **Description:** The software which links household kitchens in university towns with students living in their vicinity by providing them an opportunity to gain access to healthy food in the ambiance and warmth of a real home right in their neighborhood. It provides an interface between the students and suppliers (household kitchens)
- **Role and Responsibility:** As a mobile developer, I worked on enhancing and adding new functionalities on client's request or by proposing my own ideas. I took complete responsibility and ownership of each task on delivering a performance uncompromised and fully functional application on time.
- **Key Features:** Push Notifications, NetInfo, Splash Screen in android, Maps, App Launch Screens, Translations, Web View, Optimizing error handling, open dialer from App, Android Back Handling.

EpicMakers – www.epicmakers.com

- **Description:** The software which allows users to upload their own videos and photos. The video editor works on the footage shot by users and makes them into a slickly edited movie.
- **Role and Responsibility:** worked on mobile app, building the screens, and integrating apis, bug fixing, releasing the app to production in iOS and android.
- **Key Features:** Video Playing, Razorpay, Rating, Smooch, Uploading Images and Videos via Image Crop Picker, Facebook Sign In, Google Signin, Push Notifications, App Launch Screens, Webview, Permissions Handling, React Native Upgrade, Android Back Handling

Mzone – portal.mzone.app - ongoing

- **Description:** Mzone meditation app provides customized guided meditations based on your need. Whether you are an athlete, parent, or a student.

- **Role and Responsibility:** worked on mobile app, building the screens, and integrating apis, bug fixing.
- **Key Features:** DRM in android, Media Controls, In App purchases, Oreo Updates, downloading images and saving to cache to use for future use, Redux, Charts, Twitter Sign In, Push Notifications

AbhiPaisha – ongoing

- **Description:** AbhiPaisha is an innovative lending platform that aims to address the credit gap for young salaried individuals. Based on extensive internal research, AbhiPaisha had concluded that most of these individuals are looking for bridge loans that get them through to the next salary. This could be for a payment of an EMI, or money for a flight ticket home or gifts during the holiday season.
- **Role and Responsibility:** Worked on mobile app development and its maintenance.
- **Key Features:** Background Job, Jest - Snapshot testing and functional testing, SDK upgrade, SMS Autofill in android, Disabling Paste, Fresh Chat Integration, Contact, Call Logs, Messages Fetching, PDF picker, LinkedIn Integration, Twitter Integration, Translations, Push Notifications.

PlasmaQr

- **Description:** QR code scanning App which saves the scanned history and allows to save the history.
- **Role and Responsibility:** Worked on mobile app.
- **Key Features:** Barcode Scanning, Webview.

Licenses & Certifications



Advanced React - Meta

WTJ4B72LR395



React Basics - Meta

9CAXQWSK3SNW



Programming with JavaScript - Meta

HCTWTACF79BU



Introduction to Front-End Development - Meta

QLKYFRM49FCW

Honors & Awards



Spark - PurpleTalk

Mar 2019

