

Iswan Jumat

Senior Software Engineer

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Experience

Senior Software Engineer

Ace Resource Advisory Services Sdn. Bhd. (via TechTiera) | Sep 2023 to present.

- Led the development of an IoT application, integrating data visualization with dynamic charts and reports, resulting in a 20% increase in data visualization clarity.
- Optimized frontend rendering performance using advanced React techniques to achieve a 30% reduction in page load times..
- Enhanced backend data fetching efficiency in Node.js by implementing caching mechanisms and query optimization strategies, decreasing query response times by an average of 2 seconds.
- Documented architectural designs and best practices, fostering knowledge sharing within the team..

Technologies: JavaScript, ReactJS, Redux, NodeJS, Express, Git, REST API, JWT, CSS, Agile, Jest, Apache ECharts

Lead Frontend Developer

CIMB Malaysia (Banking) (via Avensys Consulting) | Oct 2022 to Oct 2023

- Developed and implemented advanced features for a self-serve wealth platform, resulting in increased user engagement.
- Collaborated with the Product Team to plan and deliver projects effectively, ensuring alignment with business goals.
- Led the frontend team through code reviews, improving code quality by 20% and fostering a culture of collaboration.
- Provided expert guidance and consultation to the frontend team, resolving critical technical challenges and ensuring project success.

Technologies: JavaScript, Typescript, Angular, ngRx, CI/CD, Git, REST API, JWT, GitLab CI/CD, Micro Frontend, NX, CSS, SCSS, Agile, Jest, Jira, Confluence

Lead React Native Developer

(Freelancer) Toptal (Finance, Consumer Service and R&D) | Dec 2020 – Oct 2022

- Engineered an Android and iOS app facilitating convenient payments for cargo users.
- Optimized page loading speed by converting old API requests to SWR queries, boosting performance by 3x.
- Designed and implemented a custom hook to seamlessly integrate the React Native Mixpanel library for tracking user events.
- Implemented a feature for dynamic theme switching based on the device's UI color scheme, providing a seamless user experience.
- Automated the deployment of the apps to both iOS and Android stores using CI/CD with GitHub actions and Expo EAS Build pipelines.

Technologies: JavaScript, Typescript, React Native, React, Hooks, React Navigation, SWR, React Navigation, RNUILib, Android, IOS, CI/CD, Git, REST API, JWT, Clickup, Expo EAS, Agile, Jest

Front-end Developer

Archisoft Global SDN BHD (Business and Property Management) (Malaysia) | Sep 2019 - Feb 2021

- Developed an Android, iOS, and web app that helps real estate agents increase productivity and manage all leads (customers) and workflow on the go.
- Worked in close collaboration with product managers, business analysts, UI/UX designers, and other team members to achieve project goals and deliver desired functionalities
- Guided and mentored the mobile app development team, providing expert code reviews and consultations.
- Elevated the quality of both the web and mobile apps through performance tuning and strategic code refactoring.

Technologies: React Native, Firebase, FCM, Formik, CodePush, Redux, React Navigation, ES6, ES7, Next.js, JavaScript, HTML, JWT, CSS, REST API, CI/CD, Git, Jira, Agile, Jest

Associate Technical Lead

Auxenta (Pvt) Ltd (Investment) (Sri Lanka) | Apr 2019 - Aug 2019

- Guided the front-end development team, offering code reviews and consultations for both frontend and backend projects.
- Achieved a major milestone with the completion of the first phase of an investment management system for a UK-based company, empowering employees with tools to track and optimize workflows.
- Built an advanced and fully customizable dashboard with D3 charts and react-beautiful-dnd to display 16 reports.
- Elevated the quality of the codebase through strategic maintenance, performance tuning, and code refactoring.
- Proposed a new model for state management utilizing React Hooks and the context API, reducing boilerplate code when compared to using Redux.

Technologies: AWS Lambda, D3.js, React-Redux, Redux Form, Git, ECMAScript (ES6), Sass, Redux-saga, Redux, React, JavaScript, HTML, Front-end, CSS, Jira, Agile

Senior Software Engineer

thinkCube Systems (Pvt) Ltd (Government, Livestock, Business, e-Learning and R&D) (Sri Lanka) | Jan 2018 - Apr 2019

- Expertly guided the EGN mobile application development team to success, including providing insightful code reviews and consultations.
- Built database-driven localization system for React Native to support multiple languages.
- Created a React Native schema-based form generation and form validation library to support multiple languages.
- Ensured code quality with thorough unit and snapshot testing using Jest.
- Streamlined development with a collection of versatile and reusable React Native components that simplify development and speed up.
- Developed an offline-first Electron desktop app by reusing existing front-end UIs and SQLite database.
- Accelerated development with integrated GitLab CI/CD pipelines that run unit and lint tests before merging pull requests.
- Supercharged navigation with a switch to React Native Navigation, resulting in significant performance improvements.

Technologies: User Interface (UI), ECMAScript (ES6), JavaScript, REST APIs, Android, Node.js, SQLite, Electron, Jest, User Experience (UX), Google Maps, Couchbase Lite, Redux, React Native, React, Mobile, Front-end, Agile, Webpack, Gulp, babel, Flowjs

Other Skills

Adaptability and Time Management, Teamwork and Leadership, Interpersonal communication skills, Test-driven Development (TDD), Status tracking frameworks (Jira and Clickup), Continuous Integration, UX (User Experience)