

TONY CHERIAN JACOB

Senior Frontend Engineer

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Summary

Senior frontend specialist with 8+ years of experience in React and Next.js, currently at Almosafer. Spearheaded AI-driven features that increased search-to-book ratio by 13%. Led the development of a Storybook implementation with 40+ components, now used by 20 developers across 5 micro frontends. Reduced Largest Contentful Paint by 80% through UI overhaul and server-side data fetching.

Experience

Almosafer

Dubai, United Arab Emirates

Sr. Frontend Specialist

01/2026 - Present

The Middle East's leading omni-channel travel brand, providing seamless global bookings.

- Improved search-to-book ratio by 13% by creating AI filters for natural language flight search, streamlining the filtering process.
- Created a Storybook for components shared across 5 Almosafer micro frontends. Standardized UI development and increased component visibility with clear documentation.
- Increased deployment rate from 3 to 4 releases per month by leading release management improvements, reducing project delivery timelines by 10%.
- Enabled complete feature implementation with zero bugs by adopting Cursor IDE and crafting effective prompts.
- Built and standardized a Model Context Protocol (MCP) with code context extraction and storage capabilities, achieving organization-wide adoption across Almosafer micro-frontends, boosting team efficiency by 20% and reducing token usage by 30–40%.
- Mentored 2 junior engineers, providing guidance on best practices and new technologies.

Almosafer

Dubai, United Arab Emirates

Frontend Specialist

01/2023 - 01/2026

The Middle East's leading omni-channel travel brand, providing seamless global bookings.

- Migrated web application architecture from Next.js 12 to 15 and React 17 to 18 within a 4-dev team, resulting in 10% faster load times.
- Reduced Largest Contentful Paint (LCP) from 9s to 1.8s by overhauling UI with new design system and implementing server-side data fetching.
- Built and maintained tree-shaking-compatible ES Module (ESM) packages, optimizing bundle size by 32% and reuse across applications via configured side-effect-free exports.
- Integrated Google Analytics events to track user interactions, measure growth in bookings, and assess search-to-book conversion rates, thus deciding better experiments. This led to 22% improvement in search-to-book conversion.
- Deployed 25+ UI experiments using A/B testing with Amplitude API and GTM events to reduce user frustration and improve bookings.

Nokia Networks

Bangalore, India

Software Designer

09/2021 - 12/2022

Global innovator in 5G, networking, and communication solutions since 1865.

- Orchestrated the user interface for a self-organizing network (SON), enabling visualization of 100k+ nodes, seamless module deployment, and rapid detection of critical problems within the network grid.
- Strategized the map UI to visualize network, designed a summary UI for nodes in the network and implemented interactions with nodes in the map using OpenLayers 6.
- Pinpointed and resolved a performance issue in map and vector rendering through the implementation of proper caching techniques, resulting in a 40% reduction in rendering time.
- Initiated a new process among team to document UI technical specification for every feature to do easier knowledge transfer and to understand every use cases.

Experience

QBurst Technologies

Senior Software Engineer

Thiruvananthapuram, Kerala

07/2018 - 09/2021

QBurst is a full-service software provider enabling enterprises to apply digital technology in the business.

- Implemented design and functionality of SPA (Single page Application) for a popular e-commerce website in Asia with an average visitor count of 42 million per month.
- Teamed up with three colleagues to create a design system consisting of 50+ reusable components for both desktop and mobile web UI.
- Improved the performance of the main landing page by developing a strategy to fetch paginated data from the CMS (Content Management System) and lazy loading the components. This strategy decreased LCP (Largest Contentful Paint) from 7.6s to 1.4s and reduced blocking time by an average of 300ms.
- Collaborated concurrently on several internal projects aimed at improving employees' productivity.
- Mentored, groomed, and onboarded 5 new joiners, including freshers, facilitating the swift deployment of resources for active project development.

Additional Experience

HASpaces

Frontend Developer - Part time

Thiruvananthapuram, Kerala

01/2021 - 08/2021

HASpaces is a software development and IT consulting company.

- Orchestrated the UI for an admin panel and comparison/rating system using React.js and SCSS, managing data for 100k+ candidates.
- Integrated a donut chart visualization with React.js to provide a comprehensive summary of the candidate database, displaying data for all candidates.
- Addressed a performance issue in candidate list rendering by implementing a virtualized list, resulting in a 60% reduction in scripting and painting time.
- Enhanced user experience of the comparison and rating system with React.js and SCSS, improving candidate selection efficiency.

Education

Cochin University of Science and Technology

Bachelor of Technology in Computer Science and Engineering

Kerala, India

08/2014 - 04/2018

Skills

Frontend Technologies:

React · React.js · Next.js · TypeScript · JavaScript · HTML5 · CSS3 · Sass · styled-components · Emotion · Material UI · REST APIs

State Management: React Redux, Redux-Saga, MobX

Build Tools & Performance Optimization: Webpack, Rollup.js

Testing & Debugging: Jest, React Testing Library

Developer Tools & Workflow: Cursor IDE · Prompt Engineering · Git · GitHub · GitHub actions · Jira · Agile

Languages

English ●●●●●

Malayalam ●●●●●

Hindi ●●●●●

Tamil ●●●●●