

# Sathish Kumar M

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React Native Developer | OTT & Amazon Fire TV Specialist | 3+ Years Experience

## PROFESSIONAL SUMMARY

React Native Developer with 3+ years of experience building high-performance mobile and TV applications. Specialized in OTT streaming platforms and Amazon Fire TV development using React Native, Kepler SDK, and Shaka Player. At Sun TV Network, delivered production-grade features that reduced video startup time by 30% and improved seek performance by 40%. Integrated Amazon Alexa Voice Content Launcher and collaborated directly with Amazon engineers. Strong expertise in JavaScript (ES6+), TypeScript, Redux Toolkit, REST APIs, and scalable UI architecture across OTT, social, and enterprise applications.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript

**Frameworks:** React Native, React.js

**OTT / TV:** Amazon Fire TV, Kepler SDK, Shaka Player, Spatial Navigation, Alexa Voice Launcher

**State Management:** Redux Toolkit, Redux Saga, Context API

**Navigation:** React Navigation, TV Remote / DPAD Navigation

**Performance:** Lazy Loading, Memoization, React Hooks Optimization, Adaptive Bitrate Streaming

**UI / Web:** HTML5, CSS3, Bootstrap, NativeBase, Formik, React Toastify

**Tools & APIs:** Git, REST APIs, Axios, Chrome DevTools, React Router

## PROFESSIONAL EXPERIENCE

### Software Developer – React Native

Sun TV Network Limited | Chennai, India | Oct 2024 – Present

#### SunNXT – Amazon Fire TV Stick Application

React Native · Kepler SDK · Shaka Player · Spatial Navigation · Redux Toolkit · TypeScript

- Reduced video startup time by 30% by optimizing Shaka Player streaming configuration for HLS/DASH adaptive bitrate delivery.
- Improved seek performance by 40% by completely redesigning playback buffering and SeekBar logic.
- Integrated Amazon Alexa Voice Content Launcher enabling hands-free, voice-based content discovery on Fire TV Stick.
- Implemented TV spatial navigation and DPAD remote-based UI interactions using Kepler SDK, improving focus management and navigation performance.
- Collaborated directly with Amazon engineers and cross-functional teams to deliver production-ready OTT streaming features.
- Developed and optimized SunNXT OTT streaming platform for Amazon Fire TV, serving millions of users across Tamil, Telugu, Malayalam, and Kannada content.

### React.js Developer

SAG Corps Technologies | Kanchipuram, India | Dec 2022 – Oct 2024

- Developed scalable web and mobile applications using React.js and React Native, handling the complete development lifecycle from requirement analysis to deployment.
- Built intuitive, user-friendly interfaces by collaborating directly with clients to translate business requirements into functional product features.
- Implemented real-time order tracking using Redux Toolkit + Redux Saga and automated order validation with Formik in OrderFlow OMS.
- Collaborated with Product Designers and Backend Engineers to design and implement features, ensuring seamless API integration and consistent user experience.

## KEY PROJECTS

### SunNXT – Amazon Fire TV Stick App

sunnxt.com | Oct 2024 – Present

Tech: React Native · Kepler SDK · Shaka Player · Spatial Navigation · Alexa Voice · Redux Toolkit · TypeScript

Production OTT streaming application for Amazon Fire TV Stick. Delivered 30% startup time reduction and 40% seek performance improvement via Shaka Player optimization. Serves millions of users across South Indian language content.

### **OrderFlow OMS – Order Management System**

*simpleoms.in | Sep 2023 – Present*

*Tech: React.js · Redux Toolkit · Redux Saga · Axios · Formik · React Toastify · React Router · Bootstrap*

Centralized platform for order processing and inventory management. Implemented real-time tracking via Redux Toolkit + Saga and automated order validation with Formik.

### **Jogado – Social Network for Sports Communities**

*Apr 2023 – Jul 2023*

*Tech: React Native · NativeBase · React Navigation · Redux Toolkit · LazyLoading · Memoization*

Social networking app for sports communities with stack/tab/drawer navigation. Performance optimized via LazyLoading, Memoization, and React Hooks optimization.

### **Adsslabs – Medicine & Tablet E-Commerce Website**

*adsslabs.com | May 2023*

*Tech: React.js · HTML5 · CSS3 · Bootstrap · Responsive Design*

Product catalog website for tablets and medicines with detailed product listings, responsive design, and customer support sections.

## **EDUCATION & CERTIFICATIONS**

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### **Bachelor of Science – Computer Science**

Indo-American College, Cheyyar | Jan 2019 – Dec 2022 | CGPA: 7.6

### **React Native – The Practical Guide [2023]**

Udemy | Apr 2023 | Credential ID: UC-70d1192f-bfec-4c94-b20b-dc535f6bfd92

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Open to React Native / OTT / Fire TV / Mobile Developer roles | Available immediately | Chennai (open to remote & relocation)