

# Sarath S Nair

## Staff Software Engineer, Twilio Inc.

[sarathsnairxyz@gmail.com](mailto:sarathsnairxyz@gmail.com)

9447780141 | 7012329889

<https://github.com/sarathsnair>

<https://www.linkedin.com/in/sarathsnairxyz>

### Summary

Staff Software Engineer with 11+ years of experience building and scaling enterprise web applications for Fortune 100 companies including Twilio, Salesforce, and Walmart. Expert in React, TypeScript, and GraphQL with deep knowledge of micro-frontend and monorepo architectures. Passionate about crafting performant, maintainable UI systems that drive measurable business impact and engineering efficiency.

### Experience

#### Twilio Inc. – Staff Software Engineer

Bangalore, IN | July 2022 – Present

- Directed the migration of **40+ TaskRouter and Flex Console** pages to a modern React monorepo, replacing legacy architecture and delivering a seamless transition with complete handover.
- Engineered the **Email dashboard, Activity feed, and Participant Roster** features, essential for the Email feature's launch; increased user engagement by 40% and streamlined user activity tracking
- Implemented **real-time participant UI for Flex Video**, improving agent collaboration and feature adoption.
- Reduced **on-call incidents by ~25%** by improving admin UI observability and alert workflows.

#### Salesforce.com Inc. – Senior Member Technical Staff

Bangalore, IN | January 2020 – July 2022

- Created the **JIT access UI** for management plane APIs, used daily by 100+ developers.
- Built and optimized **5+ Salesforce CDP entity home pages** used by thousands of enterprise customers, improving data exploration experience for enterprise users.
- Implemented **Unified Profile** and **Data Explorer** UIs, enabling relationship visualization across massive datasets.
- Designed **reusable Lightning Web Components (LWCs)** adopted across Audience 360, cutting UI duplication and maintenance costs.

#### Litmus7 Inc. – Senior Software Engineer

Bangalore, IN | July 2018 – November 2019

- Re-platformed **Walmart Canada's eCommerce site** using micro-app architecture supporting thousands of daily users.
- Built **reusable React components** with localization, accessibility, and analytics integration.
- Implemented **real-time marketing content delivery**, accelerating campaign rollouts without code deployments.

#### Oracle – Applications Engineer

Trivandrum, IN | May 2017 – July 2018

- Redesigned **OFSC dashboards and reports** managing 100K+ field technicians in real-time.
- Optimized SQL queries and UI interactions, cutting report load time by **30%**.

#### Wipro Technologies – Project Engineer

Cochin, IN | July 2014 – May 2017

- Built **responsive e-commerce UIs** for global retailers (Walmart Mexico, Sam's Club UK).
- Created **modular widgets** using RactiveJS and jQuery, improving integration for partner websites.
- Implemented **frontend modules** for an internal resource management system improving team visibility.

### Skills

Frontend: React.js, Redux, TypeScript, GraphQL, Webpack, Styled Components, Highcharts

Architecture: Microservices, Monorepo (Nx, Lerna), CI/CD, AWS

Tooling & Testing: Node.js, Jest, Cypress, Datadog, Kibana, Rollbar, Mixpanel, Figma

Others: Git, Jenkins, Agile, Linux

### Education

Govt. Rajiv Gandhi Institute of Technology, Kottayam

June 2010 – May 2014

Bachelor of Technology (B. Tech) in Computer Science & Engineering