

SAI SAGAR SERU

Full-Stack Developer (Frontend Focus) | React | Next.js | TypeScript

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PROFESSIONAL SUMMARY

Full-stack developer with a frontend focus and 4 years of experience building scalable React, Next.js and TypeScript applications for Verizon and Visible. Architected two brand-agnostic micro-frontends, shipped secure Cart and Checkout flows, modernized 10+ legacy modules to React, and improved performance through bundle-size optimization and a Backend-for-Frontend (BFF) layer that cut UI render latency by ~20%. Supports production by triaging and resolving live defects, sets coding standards, reviews code and mentors junior engineers, and maintains 85-90%+ test coverage with WCAG-compliant UI.

WORK EXPERIENCE

Publicis Sapient | Noida, India

Experience Engineer L2

May 2024 - Present

Projects: Visible and Verizon Prepaid

- Architected and set up two new brand-agnostic React micro-frontends (account-overview and trade-in), enabling reuse across Visible and other Verizon sub-brands.
- Developed dynamic, context-driven Dashboard and Profile pages in the account-overview MFE that adapt visually to runtime brand parameters.
- Delivered secure, high-conversion Cart and Checkout flows for Visible and Verizon Prepaid, integrating 3D Secure (3DS) authentication to protect complex transactional state.
- Integrated a Spring Boot Backend-for-Frontend (BFF) layer into the UI and worked with backend engineers on optimizing its payload aggregation, contributing to a ~20% reduction in UI render latency across Visible transactional funnels.
- Optimized bundle size for the Verizon Prepaid application to improve page load performance.
- Created custom GitHub Copilot skills that auto-generate BFF JSON schemas, cutting configuration time by 50% and feeding downstream UI scaffolding tools.
- Provide production support for Visible and Verizon Prepaid, triaging and resolving live defects to keep customer-facing flows stable.
- Defined coding standards for the new MFE repositories, reviewed peer code, and onboarded and mentored new junior engineers.
- Ensured full WCAG accessibility compliance across all components while maintaining an 85-90%+ unit test baseline with Jest and React Testing Library.

Experience Engineer L1

Jan 2023 - Apr 2024

Project: Verizon ACSS (Customer Care Platform)

- Delivered the end-to-end migration of 10+ critical modules from legacy Ext.js/jQuery to React, TypeScript and Redux, reducing production defects by ~30%.
- Standardized global state management using Redux (Ducks pattern), modularizing data flows to improve maintainability across distributed engineering teams.
- Built data-heavy customer care views with AG Grid and streamlined REST API integration, cutting data latency by ~15%.
- Achieved a minimum of 85% code coverage across all migrated components.

Junior Associate Technology

Jul 2022 - Dec 2022

Project: MS-LIFE (centralized platform for microservice-based development)

- Designed and developed the complete UI architecture from scratch, including data-dense AG Grid tables.
- Ensured 90% code coverage using Jest and maintained high code quality standards.

EDUCATION

B.E. in Computer Science | Ramaiah Institute of Technology, Bengaluru

2018 - 2022

CGPA: 8.69

SKILLS & AWARDS

- **Frontend:** React, Next.js, TypeScript, JavaScript (ES6+), Redux, Context API, React Router, HTML5, CSS3/SCSS, Chakra UI, AG Grid
- **Architecture & Performance:** Micro-Frontends (MFE), Backend-for-Frontend (BFF) Integration, Reusable Components, Bundle Size Optimization, Legacy Migration
- **Backend & Data:** REST APIs, Node.js, Express.js (personal projects), Spring Boot (working knowledge), MongoDB
- **Testing & Tools:** Jest, React Testing Library (RTL), WCAG Accessibility, Git, GitHub Copilot (custom skills)
- **Awards:** Recognized for contributions to the Ascend program supporting GenAI adoption through prompt engineering (April 2025); Learning Mindset Core Award (Q4 2023, VZ FTM); Inclusive Collaboration Core Award (April 2024 Town Hall, FTM)