SOMASHEKAR GOWDA

Full Stack Engineer (Frontend-Focused) | React | TypeScript | JavaScript | Node.js | GraphQL & REST APIs

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SUMMARY

Frontend-focused Full Stack Engineer with 13 years of experience, including 8+ years in the US, most recently building customer-facing retail and e-commerce experiences for Walmart and Sam's Club. Leads features from Product/UX requirements to production: React and TypeScript UI, reusable component architecture, and GraphQL/REST API integration with Node.js/Express. Strong in promotions, membership flows, accessibility (WCAG), performance, and A/B experimentation, partnering closely with Product, UX, Content, Payments, and Platform teams.

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript (ES6+), Next.js, Redux, React Context, HTML5, CSS3, Responsive Design

UI Quality & Testing: Accessibility (WCAG), Reusable Components, A/B Testing, Jest, Enzyme, Cypress

Backend & APIs: Node.js, Express.js, REST APIs, GraphQL, Supabase

Cloud & Tooling: Docker, Kubernetes, Vercel, NPM, Quantum Metric (analytics)

Domains: Retail & E-commerce, Membership & Renewals, Promotions, Product/Vehicle Search, Enterprise Cloud

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer | Walmart (Contract) **Oct 2025 – May 2026**

- Led the design and implementation of a license plate–based vehicle search experience in React, TypeScript, and GraphQL, improving customer lookup efficiency and search accuracy.
- Extended vehicle search with new backend attributes (bed length, aspiration), partnering with cross-functional engineering teams to improve product discoverability.

Software Engineer – Frontend & Full Stack | Sam's Club (Contract) **May 2018 – Aug 2025**

- Led the design and implementation of the Sponsor Membership experience, coordinating Product, Engineering, Content, Payments, and Platform teams to deliver scalable web capabilities.
- Designed and delivered reusable promotion frameworks and label-driven content patterns, enabling dynamic content configuration and visibility while reducing recurring engineering changes.
- Led development of One-Click Renewal, simplifying member renewal with reusable, configurable web components.
- Partnered with engineering teams to enhance GraphQL capabilities and integrate API-driven data into the UI.
- Implemented cookie-based A/B testing for controlled feature rollouts, experimentation, and product validation.
- Used analytics, customer feedback, and production insights to drive performance and usability improvements.

Frontend Engineer | Cisco (Contract) **May 2017 – Feb 2018**

- Contributed to Cisco's Application Centric Cloud (ACC) enterprise solution, turning business requirements into intuitive user experiences.

SELECTED PROJECTS

- **Karnataka Connect** (Next.js, React, TypeScript, Supabase, Vercel): Built a community platform connecting Kannada organizations, events, and services across the US.
- **Sensory-6**: Built a catering/event management platform covering workflows from draft to completion, team operations, and customers.

EDUCATION

Master of Science, Software Engineering | International Technological University (ITU), USA **2016**

Bachelor of Engineering, Information Science | Visvesvaraya Technological University (VTU), India **2008**