

SARITH GUNATHILAKE

Colombo, Sri Lanka | +94 77 886 4548 | sarith.gunathilaka@gmail.com | linkedin.com/in/sarithmadhawa | sarithg.dev

Senior Full-Stack Engineer • React / Next.js / React Native / Node.js

PROFESSIONAL SUMMARY

Senior full-stack engineer with 6+ years of experience building and scaling large-scale consumer platforms at Noon, one of the Middle East's largest e-commerce companies. Deep expertise in React, Next.js, React Native, and Node.js, with a track record of owning core product modules end to end, from architecture and implementation to deployment and production monitoring. Experienced in leading small teams, running Agile ceremonies, mentoring developers, and aligning engineering work with product goals. Also builds SaaS-style products independently for international clients using Node.js/Express and MongoDB.

TECHNICAL SKILLS

Front End: React.js (Hooks, Context API, custom hooks, reusable components), Next.js, TypeScript, JavaScript (ES6+), Redux/Context state management, Tailwind CSS, NativeWind, Ant Design, styled UI systems, performance optimization

Mobile: React Native (large-scale consumer app), native integrations (iOS Live Activities), payment flows

Back End: Node.js, Express.js, RESTful API design, WebSockets, authentication & role-based access (JWT/OAuth patterns), MongoDB & NoSQL, SQL, Supabase, Stripe integration, serverless functions (AWS Lambda, Firebase Functions)

Quality & Tooling: Unit & integration testing with Jest, code reviews, refactoring legacy codebases, Sentry error monitoring & instrumentation, ESLint/Prettier, Git, CI/CD deployments

AI/ML: RAG pipelines, vector search (pgvector), Vercel AI SDK, LLM-powered structured extraction

Ways of Working: Agile/Scrum, sprint planning & standups, cross-functional collaboration with product and design, mentoring junior engineers

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Noon (Customer App)

2023 – Present

React Native • Large-scale e-commerce consumer app serving the Middle East market

- **Live Activity order-tracking widget (NowNow):** Built the NowNow real-time order-tracking Live Activity across iOS and Android. Implemented the iOS ActivityKit widget (Dynamic Island + Lock Screen) with server-driven APNs push-token updates, and the Android foreground-service notification backed by status polling, including Arabic/RTL layouts, impression/click analytics, and deep-linking into order tracking.
- **Fast-switch marketplace architecture:** Played a major role in co-authoring instant marketplace switching (no app restart), working with backend to design a nested bottom-tabs navigation tree with lazy-attached tabs, cutting initial memory/JS load across 12+ marketplaces. Built per-marketplace refresh managers with configurable staleness windows and a selective state-reset strategy to balance fresh data against fast, native-feeling tab switches.
- **Optimistic cart system (Redux-Saga):** Built an instant-update, eventually-consistent cart architecture using debounced Redux-Saga batching: rapid taps update the UI immediately while a queued, cancellable sync reconciles with the backend, with automatic rollback on failure and per-store conflict resolution to keep state consistent across navigation and backgrounding.
- Delivered and refactored core features across the app: schedule delivery, a CMS refactor, and a product variant grouping experience on product listing pages (PLP).

Software Engineer, Noon (noon Food)

2020 – 2023

Next.js / Ant Design • Restaurant Management System (RMS) & Order Management System (OMS)

- Built and maintained the RMS and OMS web platforms powering noon Food's restaurant and order operations, using Next.js and Ant Design.
- Managed a small development team: ran daily standups, coordinated deployments, reviewed code, and mentored junior developers.
- Acted as the bridge between engineering and product, aligning requirements, scoping work, and translating product needs into technical solutions.
- Designed reusable front-end components and maintained code quality standards across the platforms.

Web Development Intern, hSenid Outsourcing

2015 – 2016

- Contributed to web development projects as part of the engineering team.

Freelance Full-Stack Developer, SaaS & Client Products

2025 – Present

Next.js • React Native • Node.js / Express • MongoDB • SQL/NoSQL

- Design and build SaaS-style products end to end for international clients: front end, RESTful APIs, database schema design, authentication, and deployment.

PROJECTS

Paint Manufacturing Inventory & Production System, DSS Paints

Freelance

React Native (Expo) • Next.js • tRPC • TypeScript • Drizzle ORM • PostgreSQL • NativeWind • Tailwind CSS

- Designed and built a full-stack, mobile-first inventory and production system deployed for DSS Paints, an operating paint manufacturer, replacing manual stock tracking with a live production tool used by real staff.
- Owned the entire stack (database schema, end-to-end type-safe tRPC API, and the React Native client), shaped directly by the manufacturer's actual recipe, batching, and inventory workflows.
- Architected an append-only transaction ledger for fully auditable stock tracking, with atomic multi-row database transactions and idempotency keys to prevent double-counting on retries or double-taps.
- Built a decimal-safe costing and recipe engine that scales recipes to a target volume, checks stock feasibility, plans least-waste production batches, computes cost, and flags reorders, with configurable weighted-average and latest-cost methods.

White-Label B2B Client Portal (Multi-Tenant SaaS)

Freelance

Next.js • Node.js / Express • MongoDB • Tailwind CSS • RBAC • Multi-Tenant Architecture

- Designed and built a multi-tenant client portal with role-based access control, piloted with real freelance clients across different industries, each with isolated data and a white-labeled experience.
- Architected a shared-backend, database-per-tenant model: one Node.js/Express API layer serving all clients while each tenant's data lives in its own MongoDB database, giving strong data isolation without duplicating application logic per client.
- Implemented a role-based access control system governing tenant-level permissions, so each client's users only see and act on data scoped to their own organization.

EDUCATION

BSc (Hons), Informatics Institute of Technology (IIT)

2019

Affiliated with the University of Westminster, UK

Leeds International School

2013