SASWATA SAHA

Senior Full-Stack & Mobile Engineer (Flutter · React/Next.js · Node · Rust-capable)
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SUMMARY

Senior software engineer with 9+ years delivering high-impact mobile, web & backend systems for fast-moving startups and growth-stage companies across India, UK & GCC. I help you avoid hiring risk by owning full-stack delivery (Flutter · React/Next.js · Node · Rust-capable) and building AI-augmented pipelines that accelerate time-to-value while keeping quality high.

I specialise in:
- Flutter + native iOS/Android for mission-critical apps with trust and security demands
- React/Next.js + Node/TypeScript for dashboards and high-velocity admin surfaces
- Rust/Go/Node backends (AI-augmented) capable of owning services end-to-end and mitigating technical debt
- Building AI-assisted delivery systems that reduce lead-time, uncover defects early and enable smaller teams to hit larger targets

Comfortable acting at Senior/Staff level: I own the outcome, not just the code — I'll scope, architect, implement, ship across platforms with minimal oversight and maximum business alignment.

CORE SKILLS

Languages & Frameworks
- Frontend/Web: TypeScript, JavaScript, React, Next.js, HTML5, CSS3, Tailwind
- Mobile: Flutter, Dart, Swift/SwiftUI, Kotlin, Jetpack Compose, Java
- Backend: Node.js, Express, FastAPI, Python; Rust/Go-capable with AI-assisted implementation
- Patterns: MVVM, Clean Architecture, Repository, BLoC, Riverpod, DI

Cloud & Data
- Firebase (Auth, Firestore, Functions, Remote Config)
- Supabase, PostgreSQL, MongoDB
- REST & GraphQL API design, versioning, pagination
- Realtime sync, offline-first, analytics/telemetry

AI & Automation
- Multi-agent pipelines (planner → coder → tester → healer)
- OpenAI (GPT-5/Codex), Gemini, Anthropic APIs
- AI-assisted code reviews, CI/CD checks, backlog refinement

DevOps & Delivery
- GitHub Actions, Bitrise, Codemagic, Fastlane
- App Store Connect, Google Play Console, phased roll-outs
- Docker, basic IaC, environment-gated feature flags
- Observability: crash/error reporting, metrics, experiment tracking

Leadership & Product
- Stakeholder workshops with CEOs/CTOs/CPOs
- Translating business-goals → architecture → release plans
- Mentoring 4–10 engineer squads, setting standards and guard-rails
- Strong communication with non-technical leadership

EXPERIENCE

Senior Flutter & Mobile / Full-Stack Solutions Architect
Zuchiz Private Limited · Bengaluru, India · Jan 2025 – Present
- Architected a multi-agent AI-assisted delivery system (planner → coder → tester → healer) that cut release lead-time by ~33% and freed senior engineers for strategic work.
- Delivered an enterprise workforce suite (Flutter mobile + React web + Node/Firebase APIs) from concept to launch, achieving 100% feature parity on iOS/Android and 40% lift in field-staff productivity.
- Integrated OpenAI/Gemini/Anthropic copilots into CI/CD pipeline, increasing code review throughput and reducing critical bugs by >20%.
- Processed up to 57 Jira tickets/day, with external testers verifying throughput, cleared backlog by ~40%, and enabled a smaller team to maintain high release cadence with less head-count.
- Advised executive leadership on architecture, tech stack decisions and go-to-market timing — directly reducing risk and aligning engineering with business goals.

Mobile Architecture Lead (Consulting) – Flutter, Web & APIs

Chakra Cabs · Bengaluru, India · Apr 2021 – Aug 2024
- Rebuilt driver & rider apps plus admin surfaces in Flutter + Node/Firebase, accelerating feature roll-out by 50% and restoring product-market velocity.
- Designed a six-tier loyalty & membership engine, driving 30% increase in completed bookings and improving retention metrics for the business.
- Refined API contracts, caching, retry logic (Dio) and mobile architecture to reduce data retrieval latency by ~30% and ensure 99.5% crash-free user sessions.
- Led full release operations (iOS/Android) including compliance and staged roll-outs, reducing store rejection rate to <2%.

Senior Mobile & Product Engineer (Remote)
Toya Club · London, UK (Remote) · Aug 2021 – Aug 2024
- Built a premium members club experience spanning Flutter mobile apps + admin tools + Firebase backend in a five-week sprint.
- Implemented subscription stack with Flutter + RevenueCat, achieving 20% premium conversion and strong retention.
- Applied Clean Architecture (MVVM + Provider + Repository), making it easy to evolve features and onboard additional engineers.
- Coordinated simultaneous iOS/Android ship with 4.5★+ ratings and high store review pass-rate.

Mobile Solutions Consultant (Hybrid Mobile + Backend)
Labgex Innovations · Saudi Arabia (Remote) · Jan 2020 – Jul 2023
- Delivered taxi-booking and tourism suites across mobile + web + backend for GCC clients (including Coca-Cola/Pepsi partners).
- Designed and implemented location-aware systems (Google Places, GPS tracking, geofencing) integrated into REST backends.
- Co-designed API contracts and performance improvements that reduced production bugs by ~35% and maintained 99% crash-free sessions.

Mobile Developer & Team Lead (Hybrid Full-Stack)
Shaffen Softwares · India · Mar 2018 – Feb 2023
- Led a squad of 4 engineers building social/dating products across Flutter, hybrid web, and backend integrations.
- Set up mobile coding standards, review practices, and CI pipelines that improved defect rates and boosted MAUs by ~25%.
- Collaborated on REST API design, JSON schema, and caching strategies with backend engineers.

Full-Stack Developer (Mobile & Web)
Exousia Web · India · Aug 2017 – Feb 2022
- Delivered 20+ mobile and web builds across e-commerce, healthcare, and education with full ownership from discovery to launch.
- Worked across early Flutter, Ionic, PhoneGap, and web stacks, giving a broad perspective on cross-platform trade-offs.
- Improved SEO and performance (40% faster load times, 30% better SEO metrics, 99% uptime) through architecture and optimization.

SELECTED PROJECTS

Omega – AI-Augmented App Builder (Personal/Product)
- Designing a multi-agent AI app builder that generates Flutter and web apps from a high-level brief, using o3-style planning and GPT-5 codegen.
- Orchestrates VM-based builds, tests, and preview pipelines; includes AI-assisted code repair loops and design-system generation.
- Stack: FastAPI/Node backend, Flutter+Web frontends, Redis, AI-model integrations, Docker.

Zuchiz Workforce Suite – Mobile + Web + AI-Augmented Backend
- Stack: Flutter, React admin surfaces, Node/Firebase APIs, multi-agent AI pipeline
- Orchestrated field-staff workforce platform for 100K+ users across mobile and web.
- Used AI copilots to speed up releases and harden review pipelines.
- Achieved 100% feature parity iOS/Android, reopened 40% of TAM, and reduced P1 defects by ~20%.

Chakra Cabs – Mobility Stack with Membership & Dashboards
- Stack: Flutter frontends, Firebase Functions/Node backend, analytics dashboards
- Rebuilt rider + driver experience, plus admin tools and membership engine.
- Implemented six-tier loyalty and surge logic via backend functions and client-side experiments.
- Drove 30% more completed bookings, 25% faster data retrieval.

EDUCATION

B.Tech, Computer Science & Engineering
RCC Institute of Information Technology, Kolkata
Focus: Mobile Application Development, Advanced Data Structures & Software Architecture

CERTIFICATIONS

- Apple Developer Program – iOS Development (2023)
- Google Associate Android Developer (2022)
- Advanced Flutter & Dart (2023)
- Mobile Architecture Patterns & Best Practices (2024)
- RESTful API Design & Development (2022)
- Digital Marketing – Digital Gurukul (2018)

ROLE TARGETING

Open to:

- Senior / Staff Software Engineer (Full-Stack)
- Senior Mobile + Web Engineer (Flutter / React / Next.js)
- Senior Backend Engineer (Node/TS, Rust/Go-capable)
- Senior AI-Augmented Engineer (shipping faster with copilots)

Remote-first; comfortable overlapping with US/EU time-zones.